

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN101424\
 Data File : VN084404.D
 Acq On : 14 Oct 2024 09:52
 Operator : JC\MD
 Sample : VN1014WBS01
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :

Quant Time: Oct 15 01:30:16 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\624N100824W.M
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
 QLast Update : Wed Oct 09 02:22:28 2024
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) Bromochloromethane	7.818	128	35176	30.000	ug/l	0.00
28) 1,4-Difluorobenzene	9.100	114	185417	30.000	ug/l	0.00
57) Chlorobenzene-d5	11.865	117	174081	30.000	ug/l	0.00
System Monitoring Compounds						
27) 1,2-Dichloroethane-d4	8.577	65	84340	29.781	ug/l	0.00
Spiked Amount	30.000	Range	91 - 110	Recovery	=	99.267%
60) 4-Bromofluorobenzene	12.847	95	86312	30.042	ug/l	0.00
Spiked Amount	30.000	Range	63 - 112	Recovery	=	100.133%
63) Toluene-d8	10.565	98	249248	30.907	ug/l	0.00
Spiked Amount	30.000	Range	91 - 112	Recovery	=	103.033%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.124	85	40889	19.039	ug/l	98
3) Chloromethane	2.359	50	44222	18.094	ug/l	96
4) Vinyl Chloride	2.512	62	43900	18.317	ug/l	99
5) Bromomethane	2.959	94	26831	16.897	ug/l	97
6) Chloroethane	3.118	64	29213	18.592	ug/l	95
7) Trichlorofluoromethane	3.495	101	72457	18.560	ug/l	98
8) Diethyl Ether	3.959	74	24702	17.211	ug/l	97
9) 1,1,2-Trichlorotrifluo...	4.371	101	43072	19.622	ug/l	97
10) 1,1-Dichloroethene	4.336	96	39180	17.888	ug/l	90
11) Methyl Iodide	4.589	142	49936	17.349	ug/l	95
12) Methyl Acetate	5.030	43	51133	18.648	ug/l	98
13) Acrolein	4.177	56	50329	98.808	ug/l	99
14) Acrylonitrile	5.718	53	106554	86.497	ug/l	99
15) Acetone	4.430	58	37507	106.584	ug/l	95
16) Carbon Disulfide	4.712	76	112587	17.262	ug/l	99
17) Allyl chloride	5.018	41	59881	16.866	ug/l	95
18) Methylene Chloride	5.271	84	44734	18.131	ug/l	96
19) trans-1,2-Dichloroethene	5.783	96	41742	18.008	ug/l	92
20) Diisopropyl ether	6.671	45	138576	18.153	ug/l	96
21) 1,1-Dichloroethane	6.571	63	80372	18.349	ug/l	96
22) cis-1,2-Dichloroethene	7.488	96	48005	17.797	ug/l	99
23) tert-Butyl Alcohol	5.512	59	20373	43.116	ug/l #	100
24) Methyl tert-Butyl Ether	5.794	73	128767	17.592	ug/l #	84
25) Chloroform	7.965	83	82460	18.588	ug/l	100
26) Cyclohexane	8.259	56	62075	16.944	ug/l #	96
29) 1,1-Dichloropropene	8.371	75	55627	18.276	ug/l	98
30) 2-Butanone	7.483	43	155762	96.116	ug/l	99
31) 2,2-Dichloropropane	7.488	77	71039	19.861	ug/l #	79
32) 1,1,1-Trichloroethane	8.165	97	74820	19.231	ug/l	99
33) Carbon Tetrachloride	8.359	117	64743	19.209	ug/l	97
34) Benzene	8.606	78	181230	19.021	ug/l	97
35) Methacrylonitrile	7.783	41	31560	18.255	ug/l	96
36) 1,2-Dichloroethane	8.671	62	60852	19.161	ug/l #	91
37) Trichloroethene	9.353	130	41549	18.938	ug/l	99
38) Methylcyclohexane	9.600	83	60656	18.142	ug/l	100
39) 1,2-Dichloropropane	9.618	63	43908	18.898	ug/l	95
40) Dibromomethane	9.706	93	31924	19.659	ug/l	96
41) Bromodichloromethane	9.888	83	64369	18.672	ug/l	96
42) Vinyl Acetate	6.600	43	494074	87.661	ug/l	99

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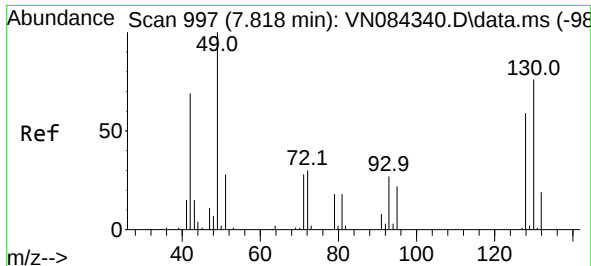
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 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
 QLast Update : Wed Oct 09 02:22:28 2024
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
43) Ethyl Acetate	7.559	43	58646	18.349	ug/l	96
44) Isopropyl Acetate	8.688	43	94476	18.060	ug/l	99
45) 1,4-Dioxane	9.694	88	18487	392.031	ug/l	95
46) Methyl methacrylate	9.682	41	43921	17.377	ug/l	97
47) n-amyl Acetate	12.494	43	80023	17.198	ug/l	98
48) t-1,3-Dichloropropene	10.835	75	64513	18.110	ug/l	97
49) cis-1,3-Dichloropropene	10.312	75	70654	18.925	ug/l	99
50) 1,1,2-Trichloroethane	11.018	97	42682	19.555	ug/l	96
51) Ethyl methacrylate	10.871	69	62302	17.281	ug/l	93
52) 1,3-Dichloropropane	11.165	76	71953	18.853	ug/l	98
53) Dibromochloromethane	11.359	129	48768	18.914	ug/l	100
54) 1,2-Dibromoethane	11.471	107	42257	18.808	ug/l	99
55) 2-Chloroethyl vinyl ether	10.159	63	146382	89.522	ug/l	98
56) Bromoform	12.576	173	32279	18.876	ug/l	98
58) 4-Methyl-2-Pentanone	10.447	43	292709	90.263	ug/l	99
59) 2-Hexanone	11.194	43	222598	92.376	ug/l	100
61) Tetrachloroethene	11.106	164	39109	19.861	ug/l	94
62) Toluene	10.629	91	192405	18.880	ug/l	98
64) Chlorobenzene	11.888	112	117499	18.528	ug/l	99
65) 1,1,1,2-Tetrachloroethane	11.959	131	42694	19.378	ug/l	97
66) Ethyl Benzene	11.965	91	202901	18.325	ug/l	98
67) m/p-Xylenes	12.071	106	163016	38.811	ug/l	97
68) o-Xylene	12.400	106	72683	17.953	ug/l	99
69) Styrene	12.412	104	128440	18.481	ug/l	99
70) Isopropylbenzene	12.694	105	189776	18.361	ug/l	98
71) 1,1,2,2-Tetrachloroethane	12.935	83	59974	18.758	ug/l	97
72) 1,2,3-Trichloropropane	12.994	75	79081	28.880	ug/l	52
73) Bromobenzene	12.976	156	47988	19.172	ug/l	97
74) n-propylbenzene	13.035	91	235119	19.090	ug/l	100
75) 2-Chlorotoluene	13.123	91	143444	18.743	ug/l	99
76) 1,3,5-Trimethylbenzene	13.170	105	165543	19.023	ug/l	99
77) t-1,4-Dichloro-2-butene	12.735	75	21572	18.436	ug/l	96
78) 4-Chlorotoluene	13.218	91	148116	19.035	ug/l	99
79) tert-butylbenzene	13.435	119	135808	18.292	ug/l	99
80) 1,2,4-Trimethylbenzene	13.482	105	165692	18.765	ug/l	100
81) sec-Butylbenzene	13.617	105	195746	19.150	ug/l	99
82) p-Isopropyltoluene	13.729	119	163233	18.973	ug/l	99
83) 1,3-Dichlorobenzene	13.735	146	90594	19.465	ug/l	99
84) 1,4-Dichlorobenzene	13.812	146	88813	19.217	ug/l	99
85) n-Butylbenzene	14.059	91	132868	17.831	ug/l	98
86) Hexachloroethane	14.335	117	30838	18.605	ug/l	98
87) 1,2-Dichlorobenzene	14.106	146	86341	19.187	ug/l	98
88) 1,2-Dibromo-3-Chloropr...	14.717	75	11750	17.971	ug/l	100
89) 1,2,4-Trichlorobenzene	15.841	180	42000	17.951	ug/l	96
90) Hexachlorobutadiene	15.500	225	20046	18.520	ug/l	99
91) Naphthalene	15.641	128	125007	15.767	ug/l	99
92) 1,2,3-Trichlorobenzene	15.841	180	42000	17.951	ug/l	96

(#) = qualifier out of range (m) = manual integration (+) = signals summed

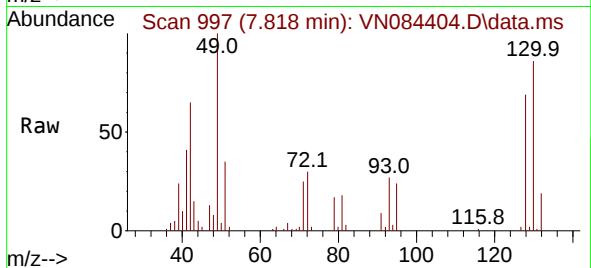
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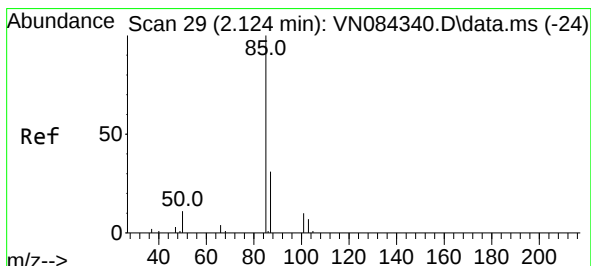
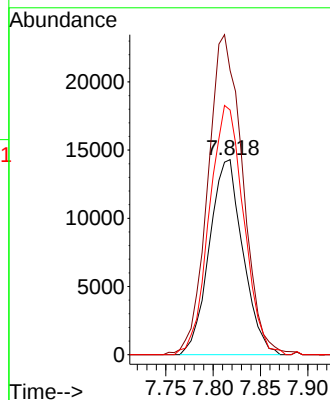
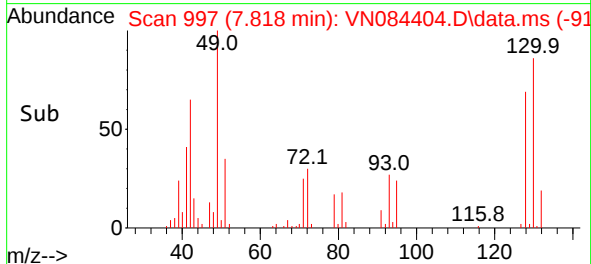


#1
Bromochloromethane
Concen: 30.000 ug/l
RT: 7.818 min Scan# 997
Delta R.T. -0.000 min
Lab File: VN084404.D
Acq: 14 Oct 2024 09:52

Instrument :
MSVOA_N
ClientSampleId :

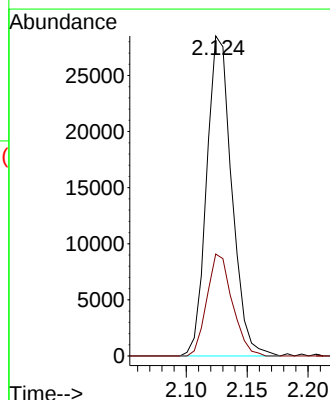
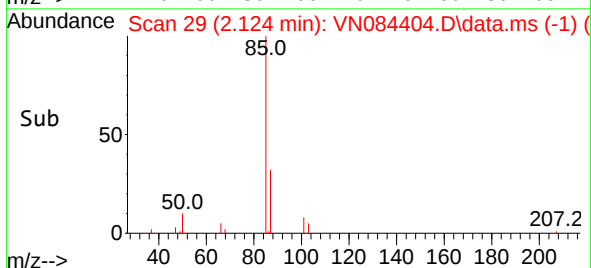
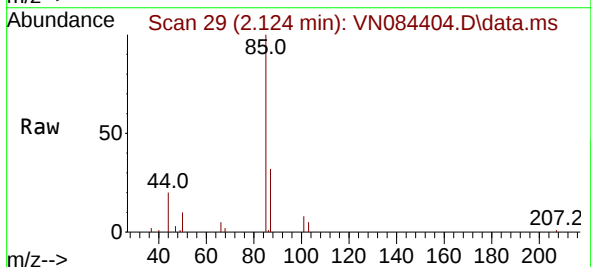


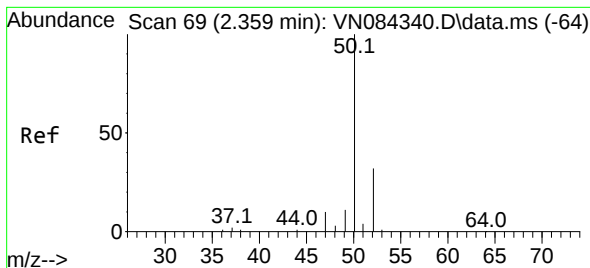
Tgt Ion:128 Resp: 35176
Ion Ratio Lower Upper
128 100
49 170.3 0.0 430.0
130 131.0 0.0 329.8



#2
Dichlorodifluoromethane
Concen: 19.039 ug/l
RT: 2.124 min Scan# 29
Delta R.T. 0.000 min
Lab File: VN084404.D
Acq: 14 Oct 2024 09:52

Tgt Ion: 85 Resp: 40889
Ion Ratio Lower Upper
85 100
87 31.9 15.4 46.4





#3

Chloromethane

Concen: 18.094 ug/l

RT: 2.359 min Scan# 69

Delta R.T. 0.000 min

Lab File: VN084404.D

Acq: 14 Oct 2024 09:52

Instrument :

MSVOA_N

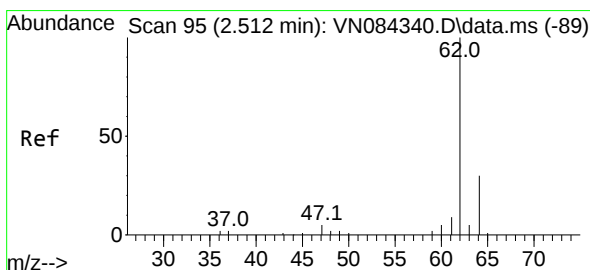
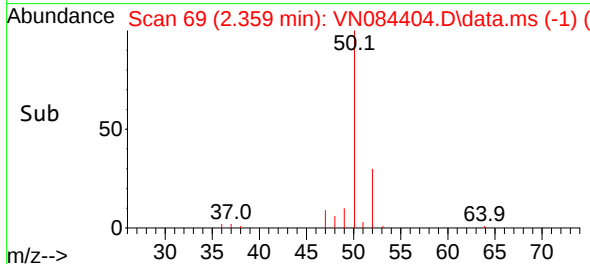
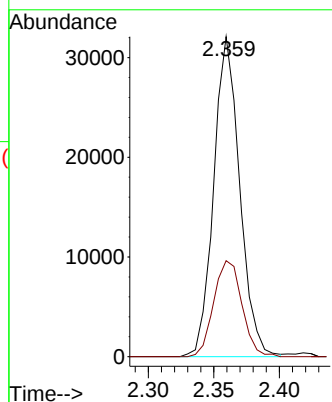
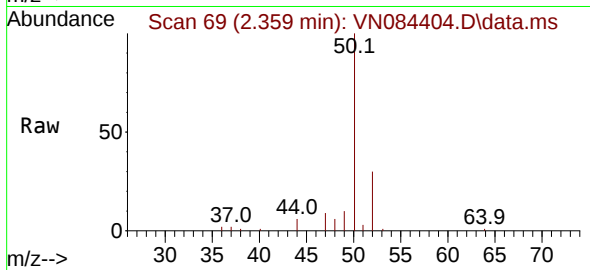
ClientSampleId :

Tgt Ion: 50 Resp: 44222

Ion Ratio Lower Upper

50 100

52 30.0 25.8 38.6



#4

Vinyl Chloride

Concen: 18.317 ug/l

RT: 2.512 min Scan# 95

Delta R.T. 0.000 min

Lab File: VN084404.D

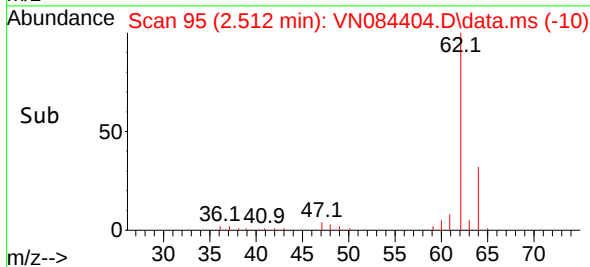
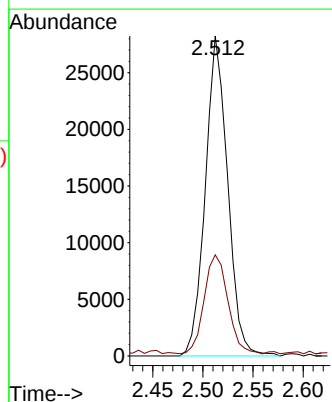
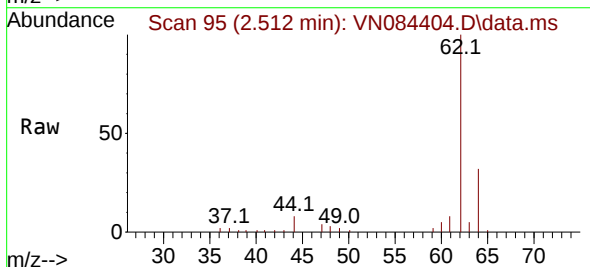
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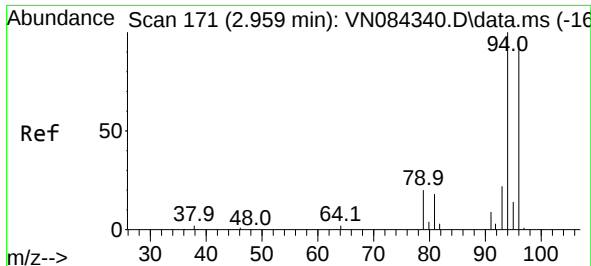
Tgt Ion: 62 Resp: 43900

Ion Ratio Lower Upper

62 100

64 30.9 24.3 36.5

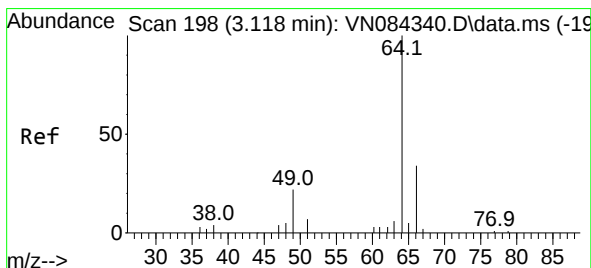
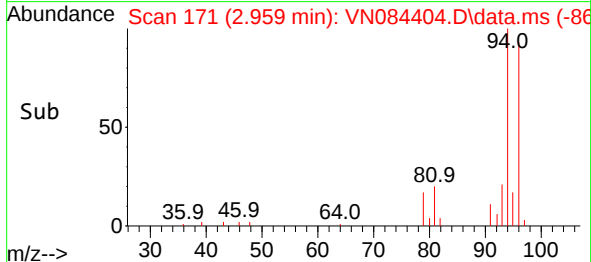
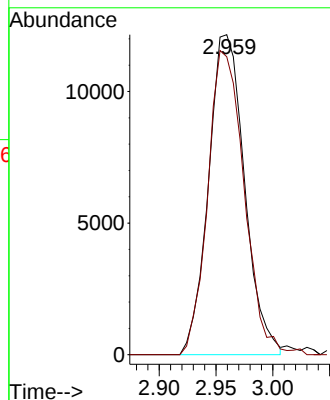
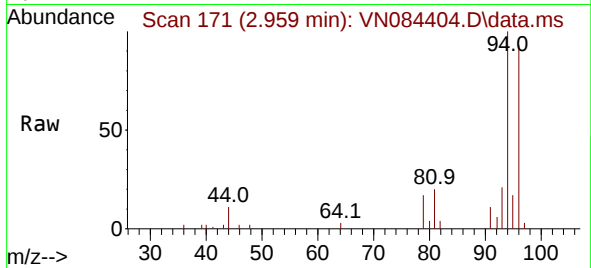




#5
Bromomethane
Concen: 16.897 ug/l
RT: 2.959 min Scan# 11
Delta R.T. 0.000 min
Lab File: VN084404.D
Acq: 14 Oct 2024 09:52

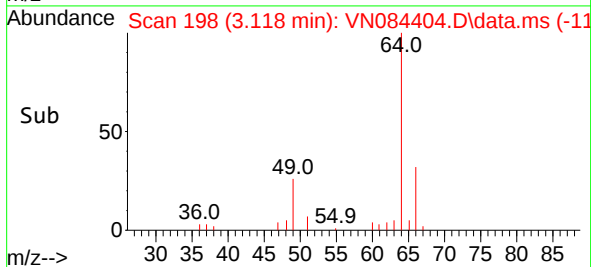
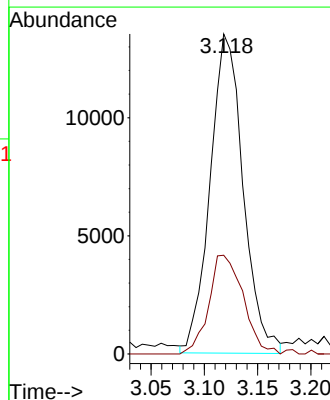
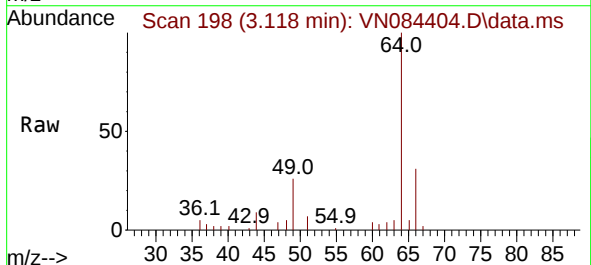
Instrument :
MSVOA_N
ClientSampleId :

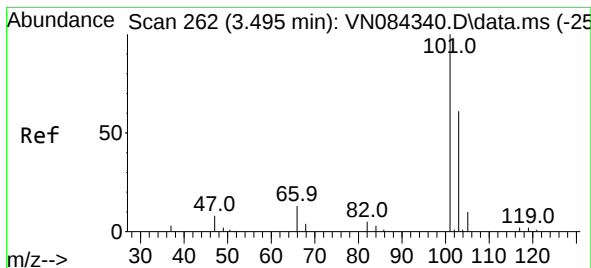
Tgt Ion: 94 Resp: 26831
Ion Ratio Lower Upper
94 100
96 93.1 76.7 115.1



#6
Chloroethane
Concen: 18.592 ug/l
RT: 3.118 min Scan# 198
Delta R.T. 0.000 min
Lab File: VN084404.D
Acq: 14 Oct 2024 09:52

Tgt Ion: 64 Resp: 29213
Ion Ratio Lower Upper
64 100
66 31.7 27.7 41.5





#7

Trichlorofluoromethane

Concen: 18.560 ug/l

RT: 3.495 min Scan# 2

Delta R.T. 0.000 min

Lab File: VN084404.D

Acq: 14 Oct 2024 09:52

Instrument :

MSVOA_N

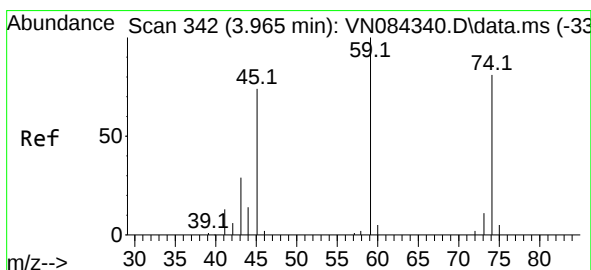
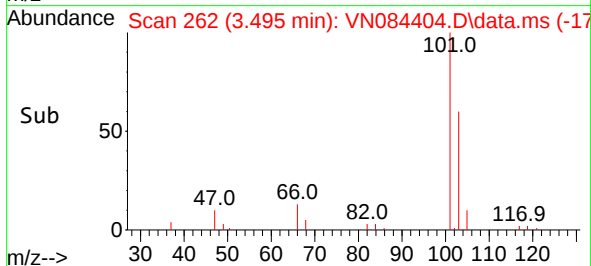
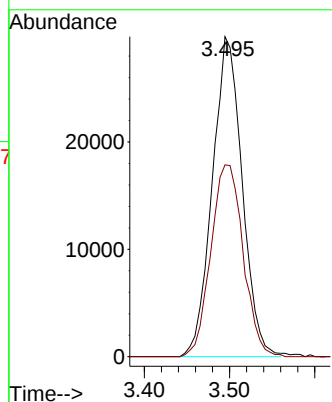
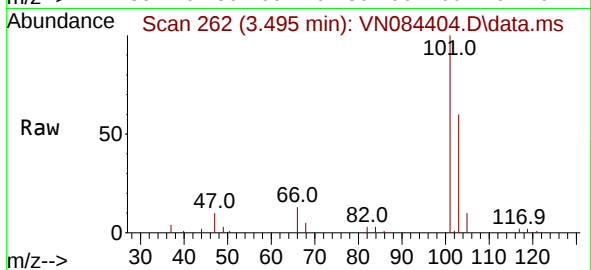
ClientSampleId :

Tgt Ion:101 Resp: 72457

Ion Ratio Lower Upper

101 100

103 59.9 49.0 73.6



#8

Diethyl Ether

Concen: 17.211 ug/l

RT: 3.959 min Scan# 341

Delta R.T. -0.006 min

Lab File: VN084404.D

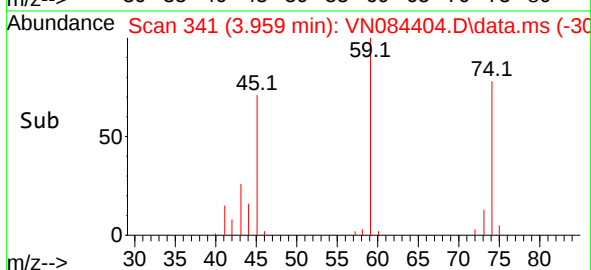
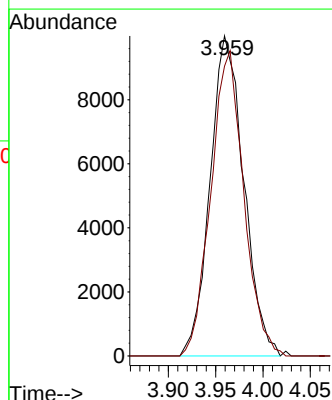
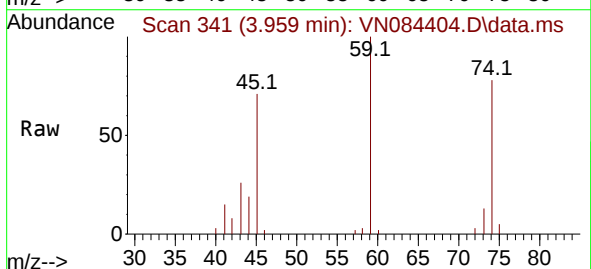
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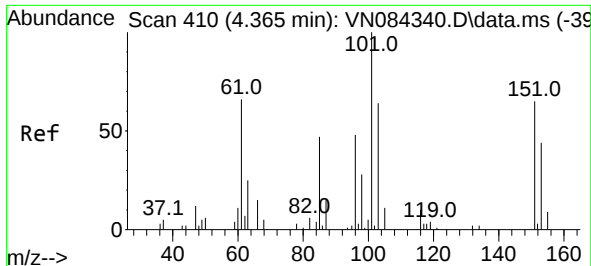
Tgt Ion: 74 Resp: 24702

Ion Ratio Lower Upper

74 100

45 93.3 19.2 173.2

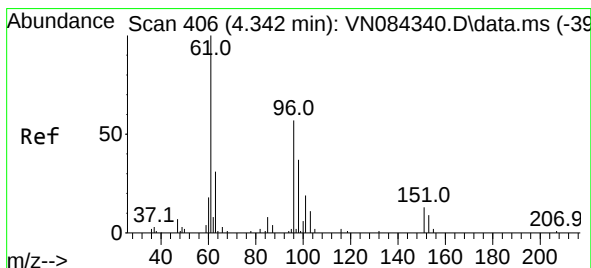
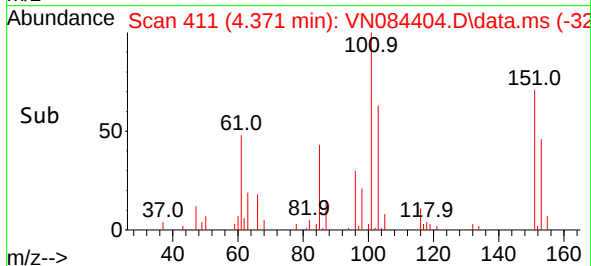
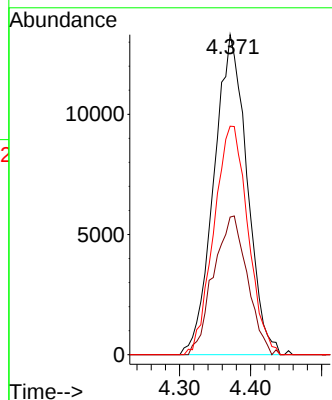
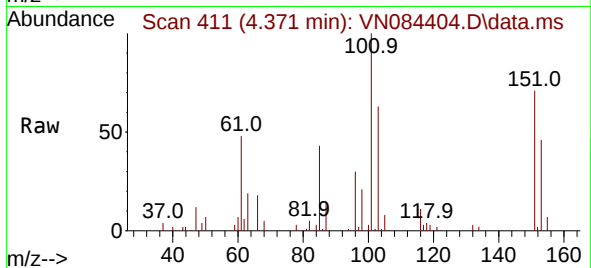




#9
1,1,2-Trichlorotrifluoroethane
Concen: 19.622 ug/l
RT: 4.371 min Scan# 410
Delta R.T. 0.006 min
Lab File: VN084404.D
Acq: 14 Oct 2024 09:52

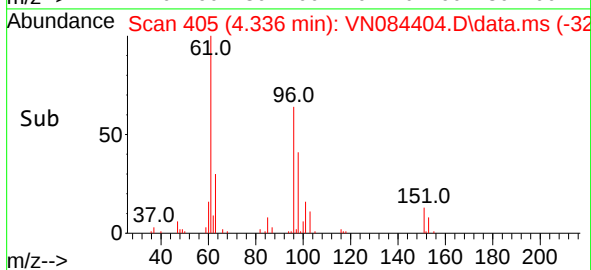
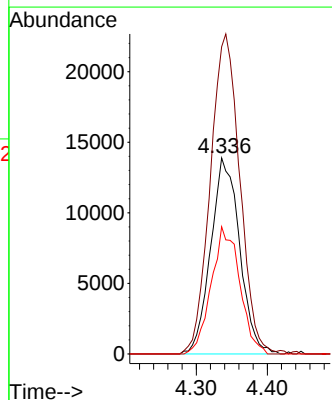
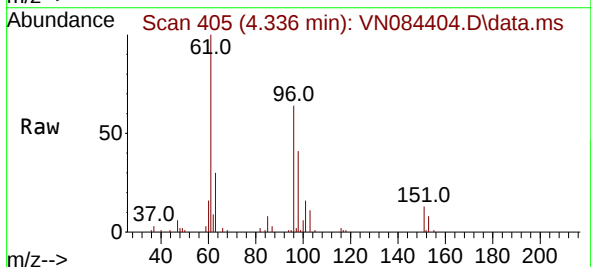
Instrument :
MSVOA_N
ClientSampleId :

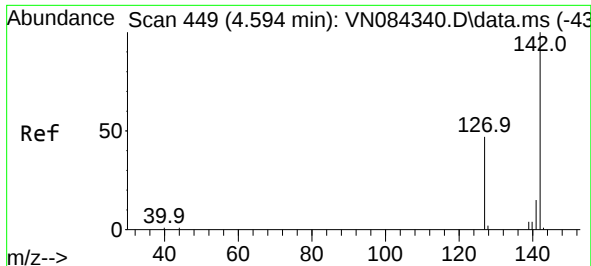
Tgt Ion:101 Resp: 43072
Ion Ratio Lower Upper
101 100
85 44.3 0.0 93.6
151 73.6 0.0 151.8



#10
1,1-Dichloroethene
Concen: 17.888 ug/l
RT: 4.336 min Scan# 405
Delta R.T. -0.006 min
Lab File: VN084404.D
Acq: 14 Oct 2024 09:52

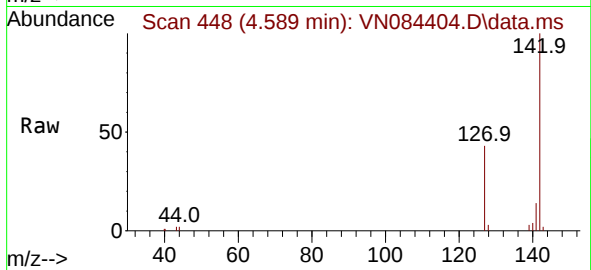
Tgt Ion: 96 Resp: 39180
Ion Ratio Lower Upper
96 100
61 156.7 140.8 211.2
98 64.9 52.2 78.2



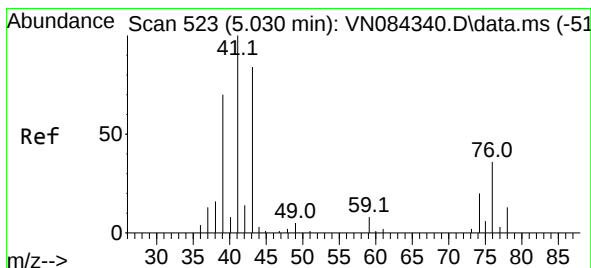
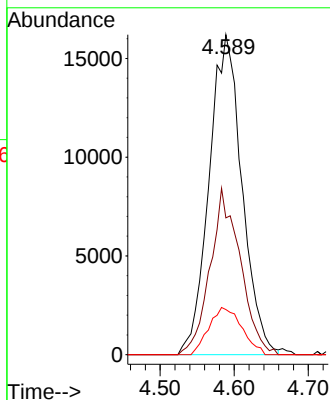
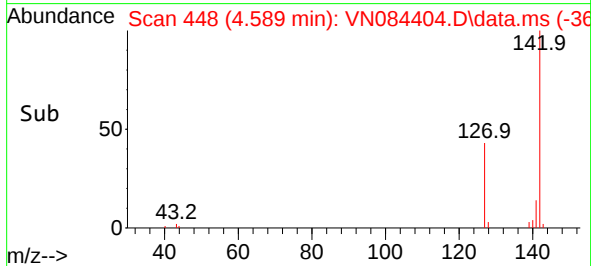


#11
Methyl Iodide
Concen: 17.349 ug/l
RT: 4.589 min Scan# 448
Delta R.T. -0.006 min
Lab File: VN084404.D
Acq: 14 Oct 2024 09:52

Instrument :
MSVOA_N
ClientSampleId :

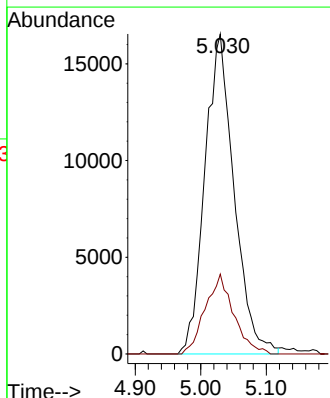
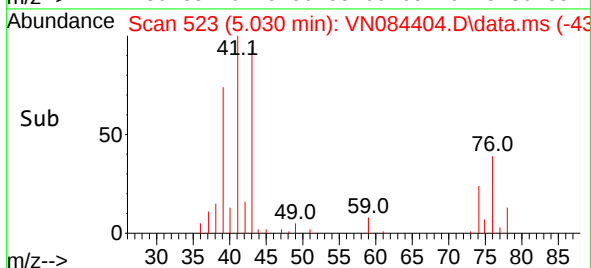
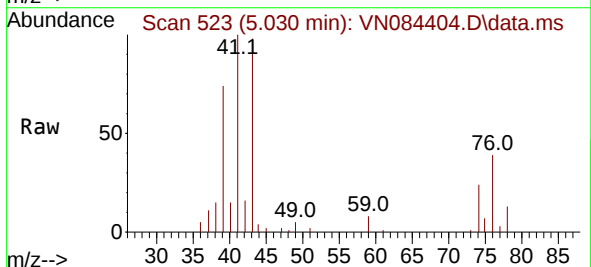


Tgt Ion:142 Resp: 49936
Ion Ratio Lower Upper
142 100
127 43.1 23.8 71.4
141 14.2 7.4 22.2



#12
Methyl Acetate
Concen: 18.648 ug/l
RT: 5.030 min Scan# 523
Delta R.T. 0.000 min
Lab File: VN084404.D
Acq: 14 Oct 2024 09:52

Tgt Ion: 43 Resp: 51133
Ion Ratio Lower Upper
43 100
74 25.2 19.4 29.2





#13

Acrolein

Concen: 98.808 ug/l

RT: 4.177 min Scan# 31

Delta R.T. -0.006 min

Lab File: VN084404.D

Acq: 14 Oct 2024 09:52

Instrument :

MSVOA_N

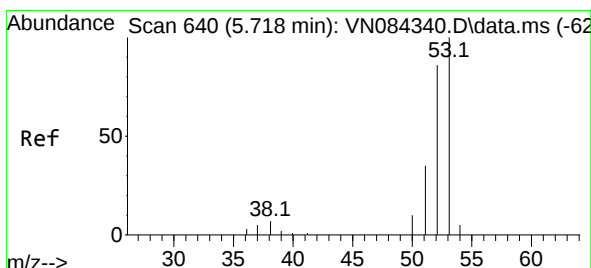
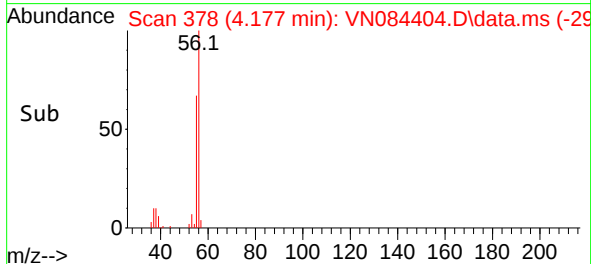
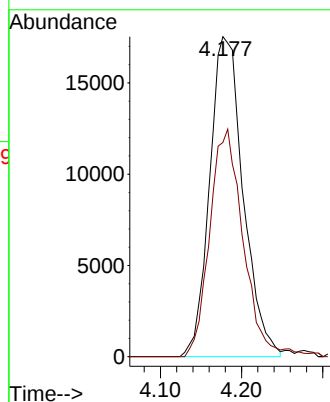
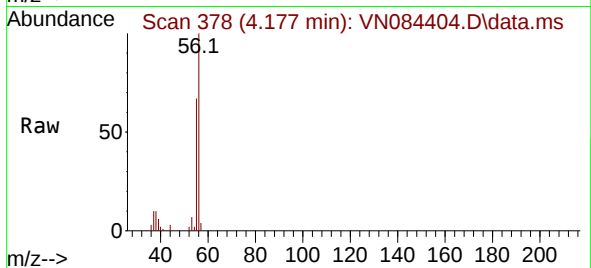
ClientSampleId :

Tgt Ion: 56 Resp: 50329

Ion Ratio Lower Upper

56 100

55 69.8 56.4 84.6



#14

Acrylonitrile

Concen: 86.497 ug/l

RT: 5.718 min Scan# 640

Delta R.T. 0.000 min

Lab File: VN084404.D

Acq: 14 Oct 2024 09:52

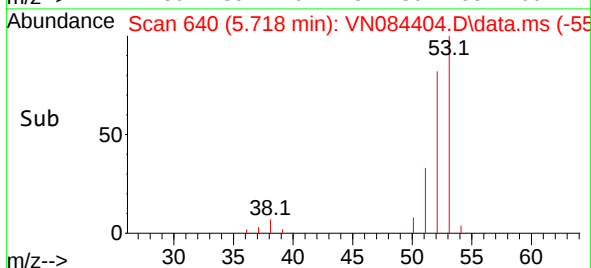
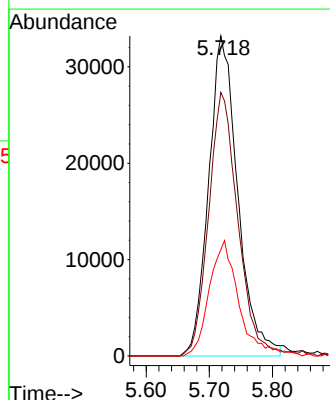
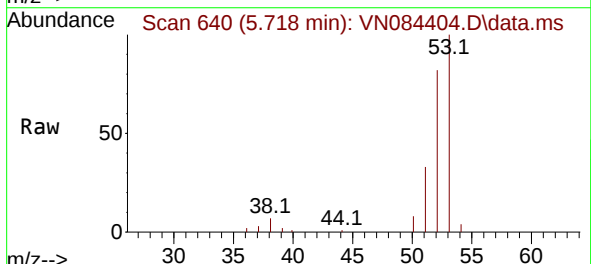
Tgt Ion: 53 Resp: 106554

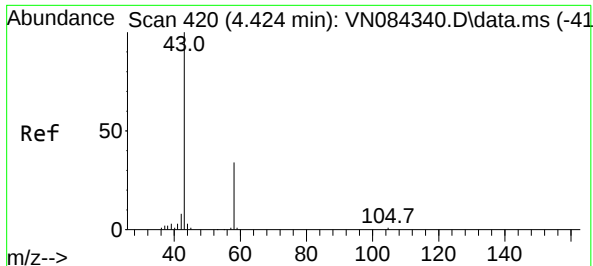
Ion Ratio Lower Upper

53 100

52 82.3 40.4 121.2

51 36.1 17.8 53.4





#15

Acetone

Concen: 106.584 ug/l

RT: 4.430 min Scan# 41

Delta R.T. 0.006 min

Lab File: VN084404.D

Acq: 14 Oct 2024 09:52

Instrument :

MSVOA_N

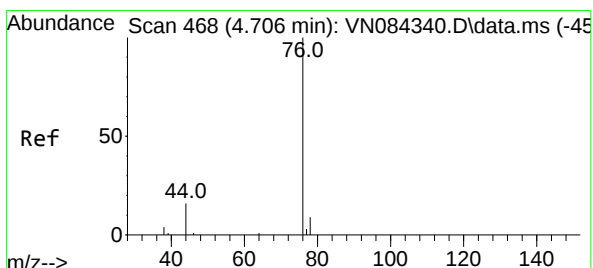
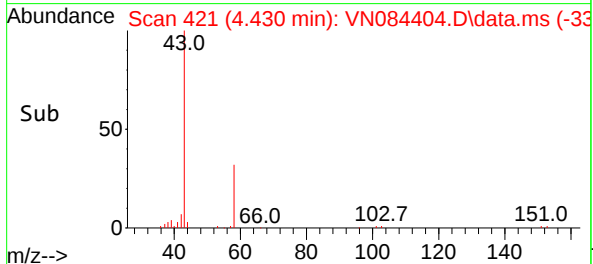
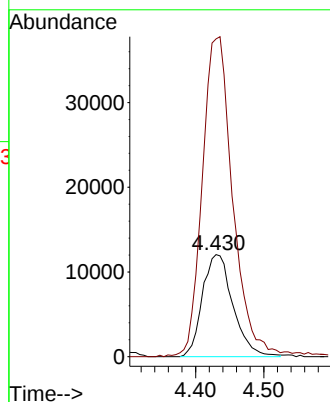
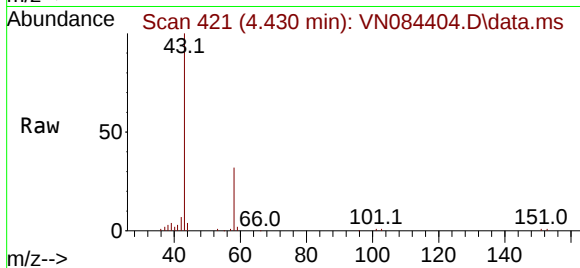
ClientSampleId :

Tgt Ion: 58 Resp: 37507

Ion Ratio Lower Upper

58 100

43 307.3 237.5 356.3



#16

Carbon Disulfide

Concen: 17.262 ug/l

RT: 4.712 min Scan# 469

Delta R.T. 0.006 min

Lab File: VN084404.D

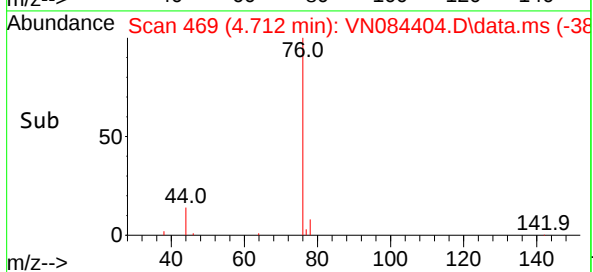
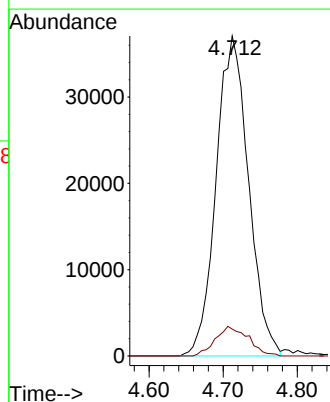
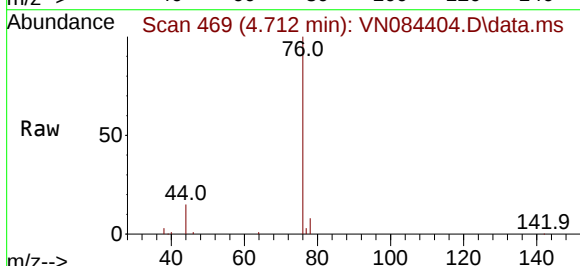
Acq: 14 Oct 2024 09:52

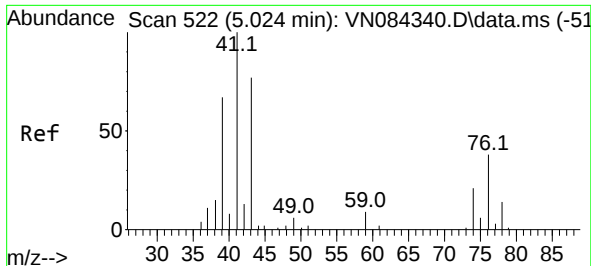
Tgt Ion: 76 Resp: 112587

Ion Ratio Lower Upper

76 100

78 8.4 7.1 10.7





#17

Allyl chloride

Concen: 16.866 ug/l

RT: 5.018 min Scan# 51

Delta R.T. -0.006 min

Lab File: VN084404.D

Acq: 14 Oct 2024 09:52

Instrument :

MSVOA_N

ClientSampleId :

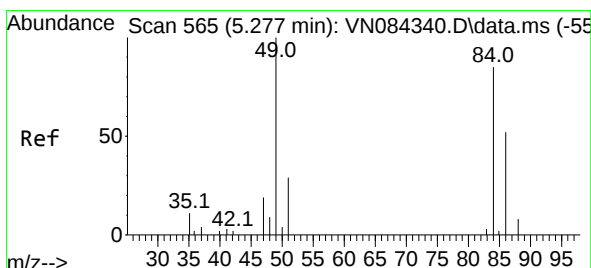
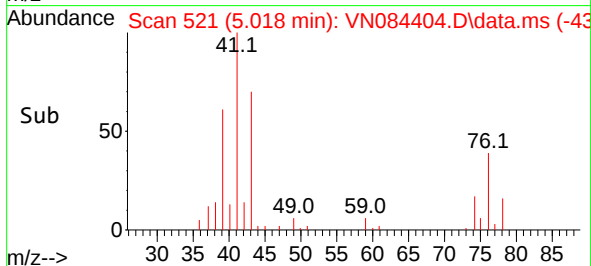
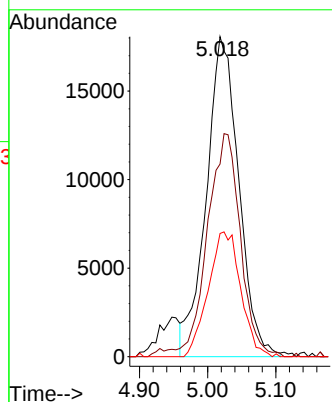
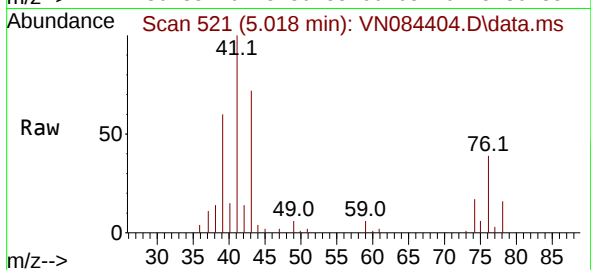
Tgt Ion: 41 Resp: 59881

Ion Ratio Lower Upper

41 100

39 59.9 31.4 94.3

76 39.0 17.8 53.5



#18

Methylene Chloride

Concen: 18.131 ug/l

RT: 5.271 min Scan# 564

Delta R.T. -0.006 min

Lab File: VN084404.D

Acq: 14 Oct 2024 09:52

Tgt Ion: 84 Resp: 44734

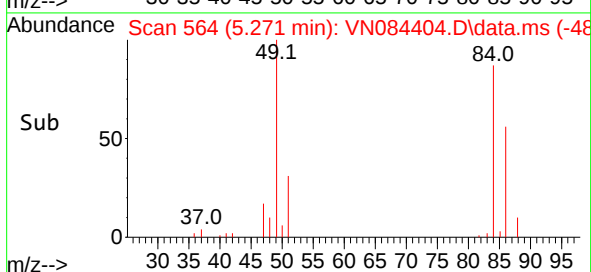
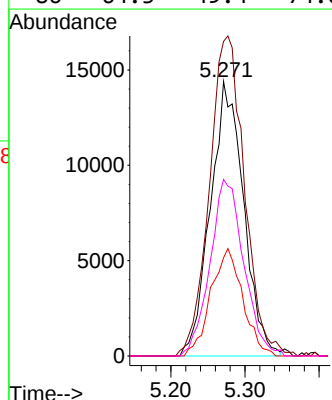
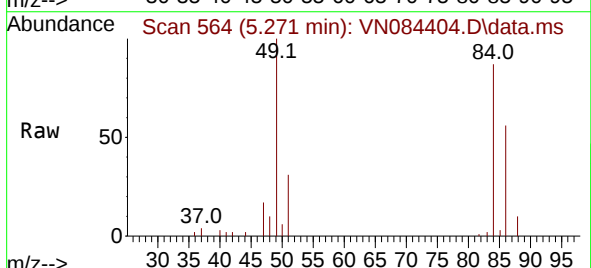
Ion Ratio Lower Upper

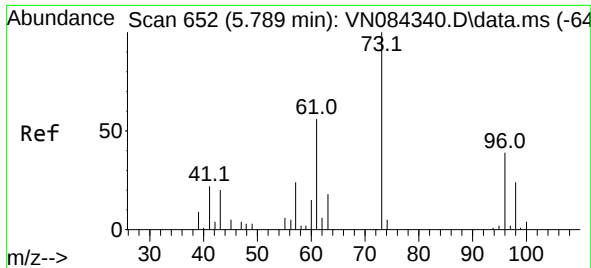
84 100

49 112.6 94.6 142.0

51 35.8 27.3 40.9

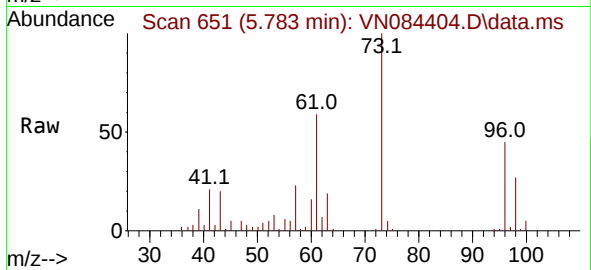
86 64.3 49.4 74.0





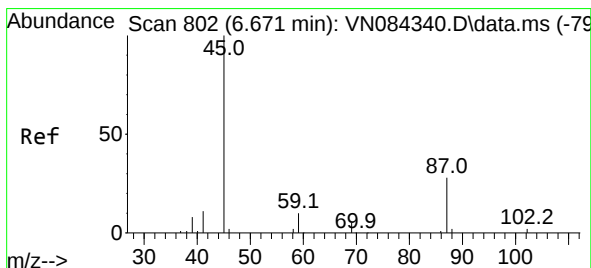
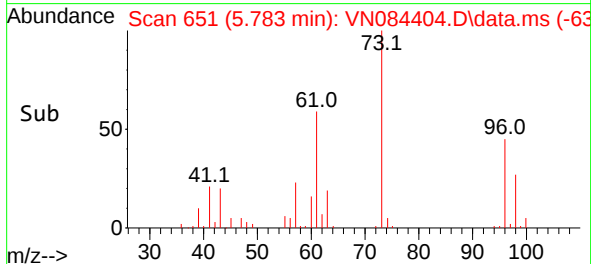
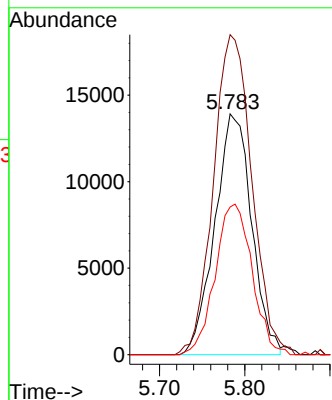
#19
trans-1,2-Dichloroethene
Concen: 18.008 ug/l
RT: 5.783 min Scan# 651
Delta R.T. -0.006 min
Lab File: VN084404.D
Acq: 14 Oct 2024 09:52

Instrument :
MSVOA_N
ClientSampleId :



Tgt Ion: 96 Resp: 41742

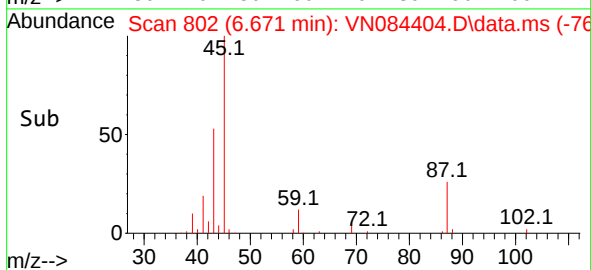
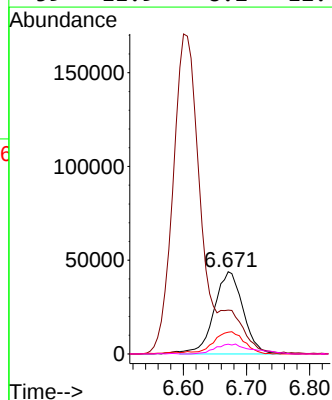
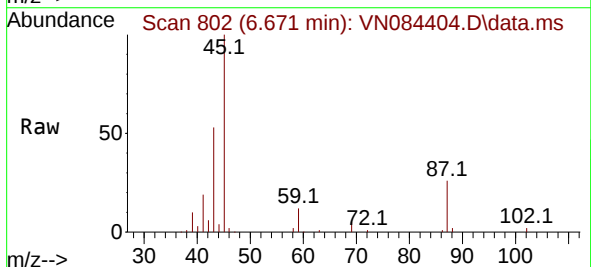
Ion	Ratio	Lower	Upper
96	100		
61	131.6	115.8	173.6
98	61.3	49.4	74.0

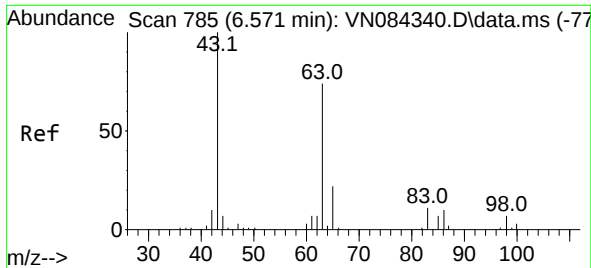


#20
Diisopropyl ether
Concen: 18.153 ug/l
RT: 6.671 min Scan# 802
Delta R.T. 0.000 min
Lab File: VN084404.D
Acq: 14 Oct 2024 09:52

Tgt Ion: 45 Resp: 138576

Ion	Ratio	Lower	Upper
45	100		
43	51.9	43.7	65.5
87	26.5	23.1	34.7
59	11.9	8.2	12.4

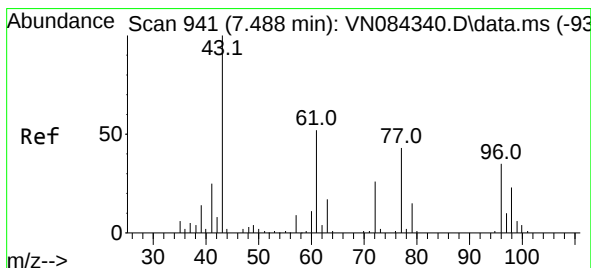
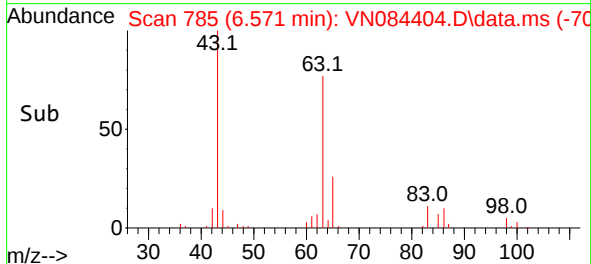
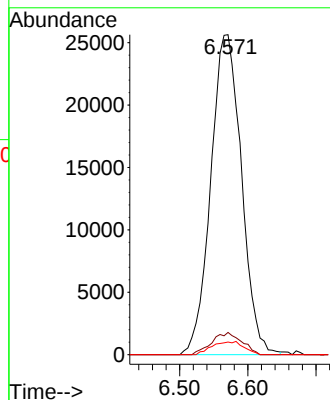
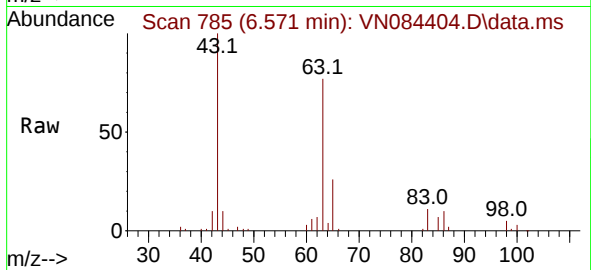




#21
1,1-Dichloroethane
Concen: 18.349 ug/l
RT: 6.571 min Scan# 785
Delta R.T. 0.000 min
Lab File: VN084404.D
Acq: 14 Oct 2024 09:52

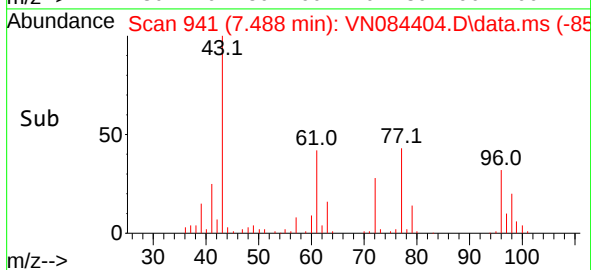
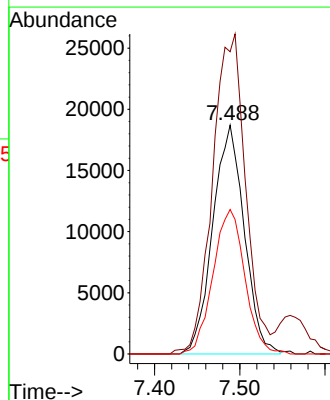
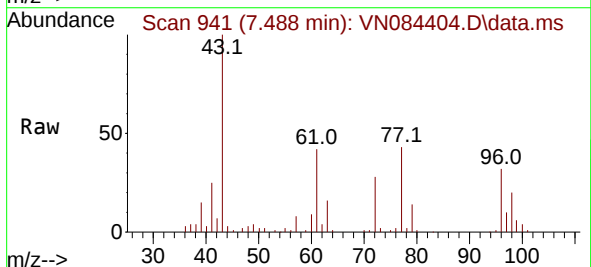
Instrument :
MSVOA_N
ClientSampleId :

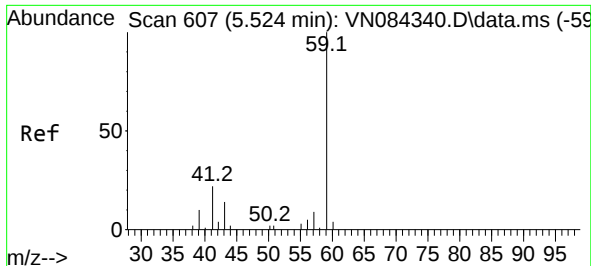
Tgt Ion: 63 Resp: 80372
Ion Ratio Lower Upper
63 100
98 6.9 4.5 13.4
100 3.9 2.1 6.3



#22
cis-1,2-Dichloroethene
Concen: 17.797 ug/l
RT: 7.488 min Scan# 941
Delta R.T. 0.000 min
Lab File: VN084404.D
Acq: 14 Oct 2024 09:52

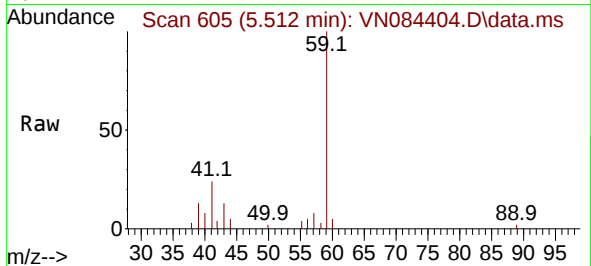
Tgt Ion: 96 Resp: 48005
Ion Ratio Lower Upper
96 100
61 146.6 118.0 177.0
98 64.1 51.8 77.8



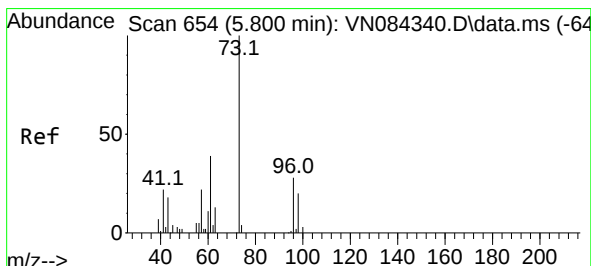
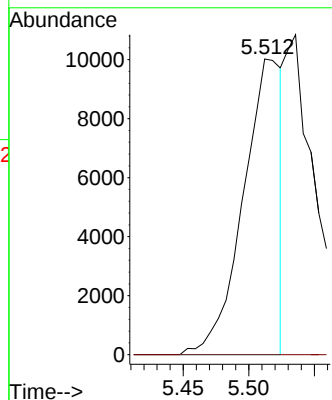
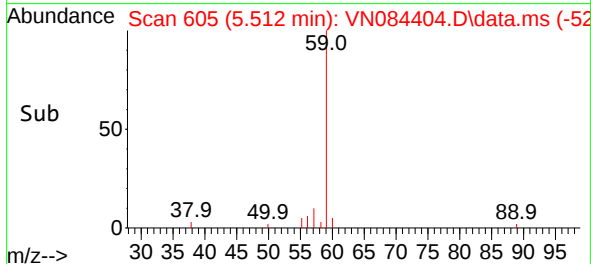


#23
tert-Butyl Alcohol
Concen: 43.116 ug/l
RT: 5.512 min Scan# 607
Delta R.T. -0.012 min
Lab File: VN084404.D
Acq: 14 Oct 2024 09:52

Instrument :
MSVOA_N
ClientSampleId :

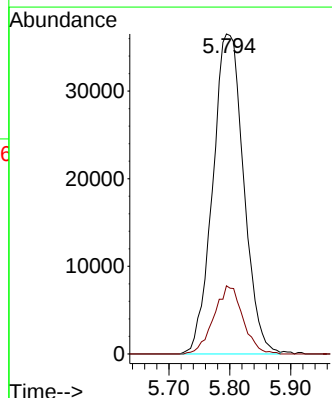
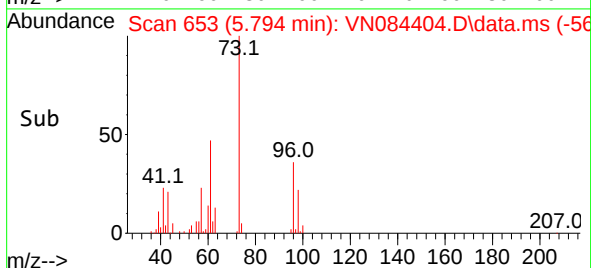
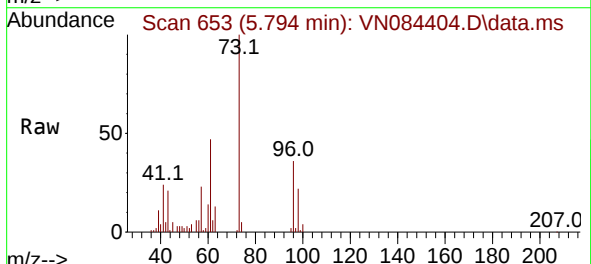


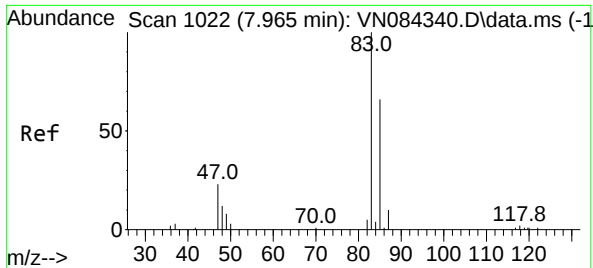
Tgt Ion: 59 Resp: 20373
Ion Ratio Lower Upper
59 100
52 0.0 0.0 0.0



#24
Methyl tert-Butyl Ether
Concen: 17.592 ug/l
RT: 5.794 min Scan# 653
Delta R.T. -0.006 min
Lab File: VN084404.D
Acq: 14 Oct 2024 09:52

Tgt Ion: 73 Resp: 128767
Ion Ratio Lower Upper
73 100
43 20.0 10.9 16.3#

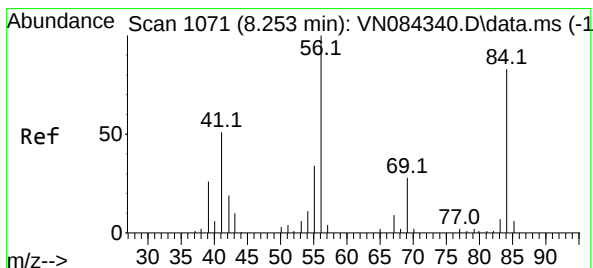
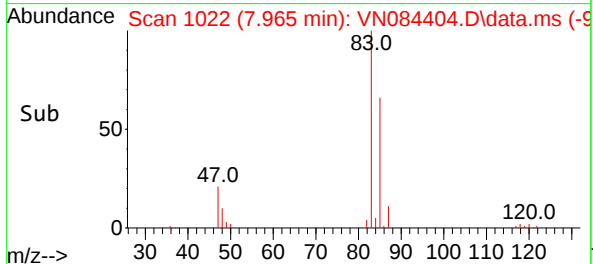
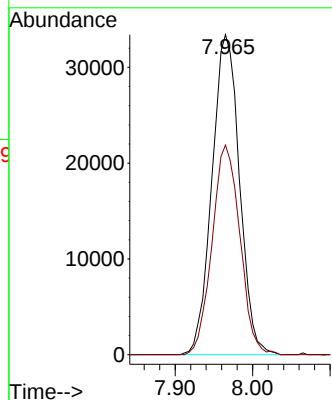
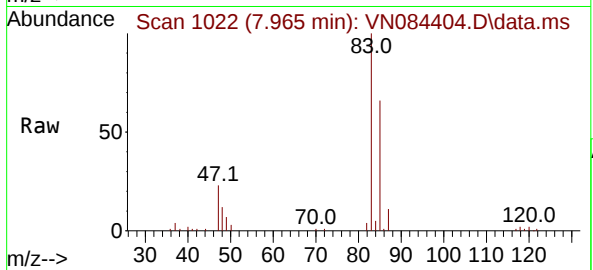




#25
Chloroform
Concen: 18.588 ug/l
RT: 7.965 min Scan# 1022
Delta R.T. 0.000 min
Lab File: VN084404.D
Acq: 14 Oct 2024 09:52

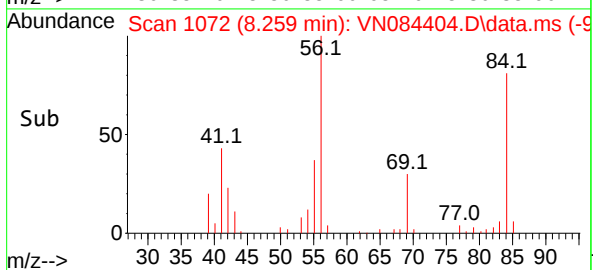
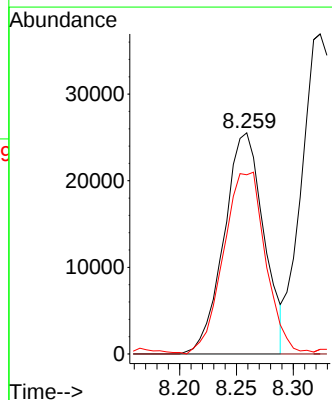
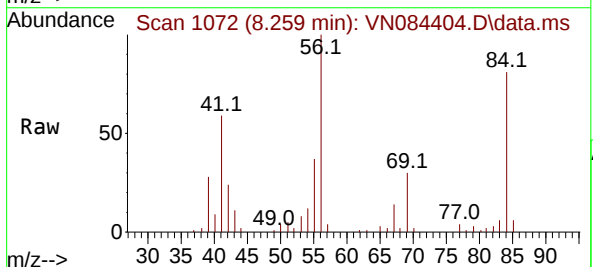
Instrument :
MSVOA_N
ClientSampleId :

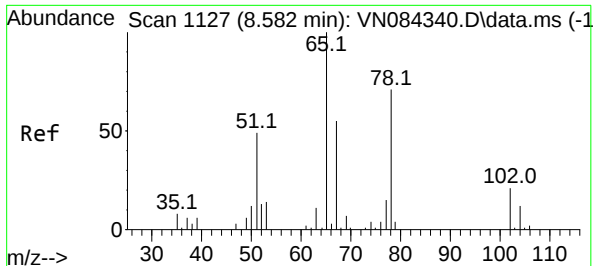
Tgt Ion: 83 Resp: 82460
Ion Ratio Lower Upper
83 100
85 65.5 52.4 78.6



#26
Cyclohexane
Concen: 16.944 ug/l
RT: 8.259 min Scan# 1072
Delta R.T. 0.006 min
Lab File: VN084404.D
Acq: 14 Oct 2024 09:52

Tgt Ion: 56 Resp: 62075
Ion Ratio Lower Upper
56 100
89 0.0 0.0 0.0
84 87.0 67.0 100.6

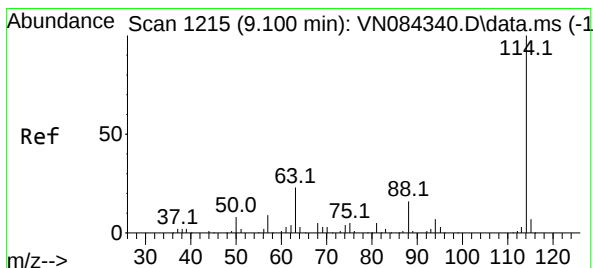
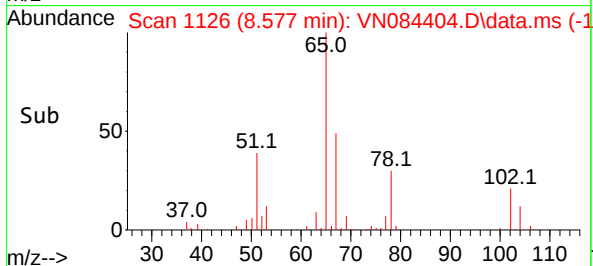
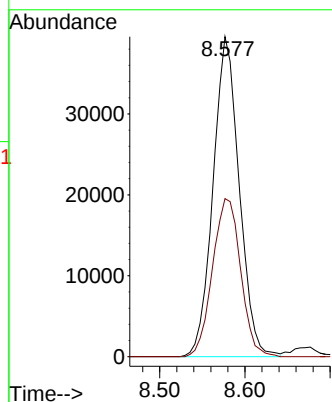
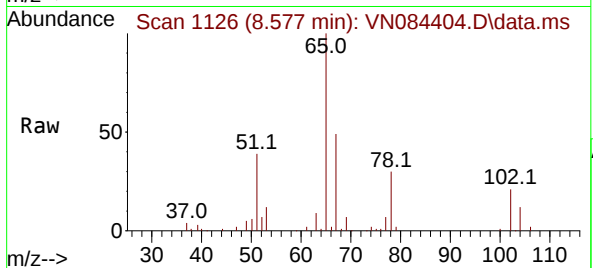




#27
 1,2-Dichloroethane-d4
 Concen: 29.781 ug/l
 RT: 8.577 min Scan# 1126
 Delta R.T. -0.006 min
 Lab File: VN084404.D
 Acq: 14 Oct 2024 09:52

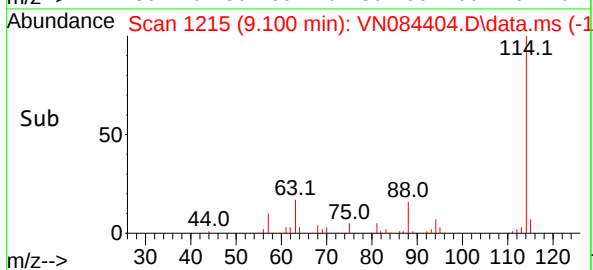
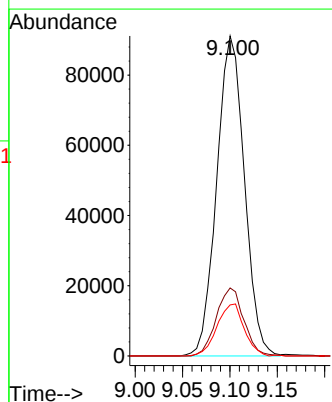
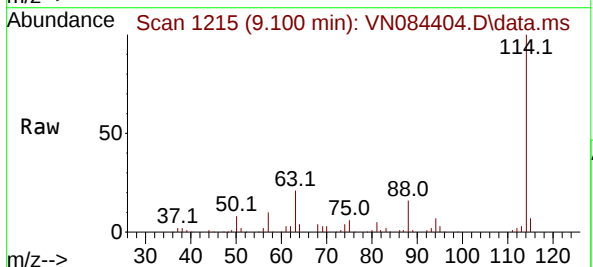
Instrument :
 MSVOA_N
 ClientSampleId :

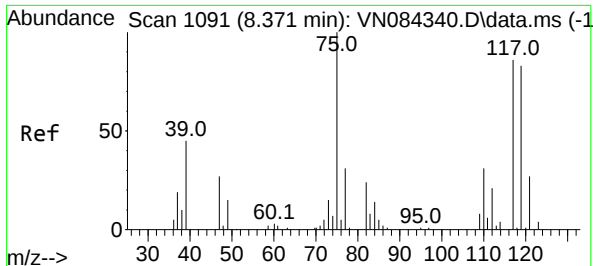
Tgt Ion: 65 Resp: 84340
 Ion Ratio Lower Upper
 65 100
 67 53.0 41.5 62.3



#28
 1,4-Difluorobenzene
 Concen: 30.000 ug/l
 RT: 9.100 min Scan# 1215
 Delta R.T. 0.000 min
 Lab File: VN084404.D
 Acq: 14 Oct 2024 09:52

Tgt Ion: 114 Resp: 185417
 Ion Ratio Lower Upper
 114 100
 63 21.0 17.4 26.0
 88 15.9 13.2 19.8





#29

1,1-Dichloropropene

Concen: 18.276 ug/l

RT: 8.371 min Scan# 1

Delta R.T. 0.000 min

Lab File: VN084404.D

Acq: 14 Oct 2024 09:52

Instrument :

MSVOA_N

ClientSampleId :

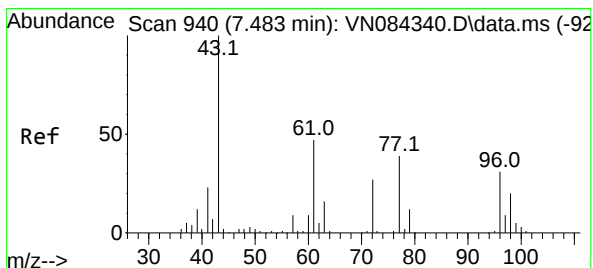
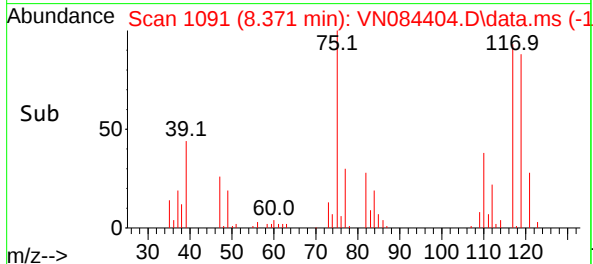
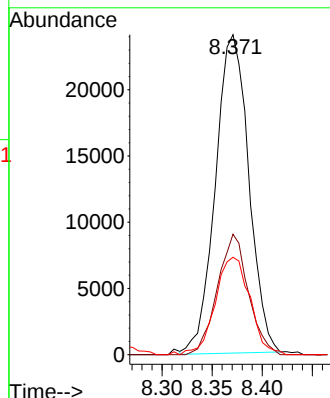
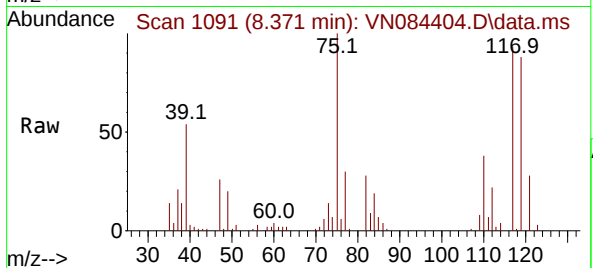
Tgt Ion: 75 Resp: 55627

Ion Ratio Lower Upper

75 100

110 35.0 0.0 67.6

77 31.7 0.0 61.4



#30

2-Butanone

Concen: 96.116 ug/l

RT: 7.483 min Scan# 940

Delta R.T. 0.000 min

Lab File: VN084404.D

Acq: 14 Oct 2024 09:52

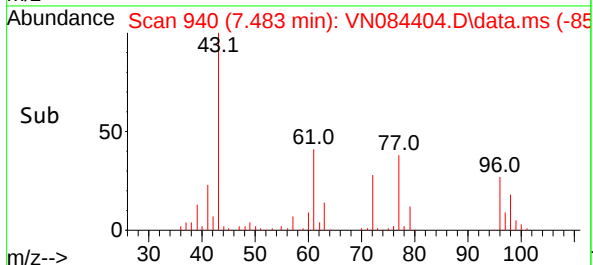
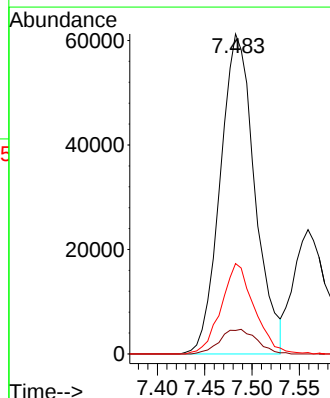
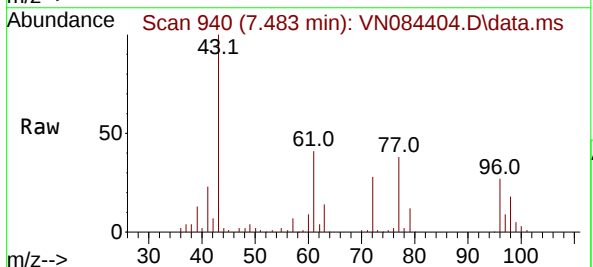
Tgt Ion: 43 Resp: 155762

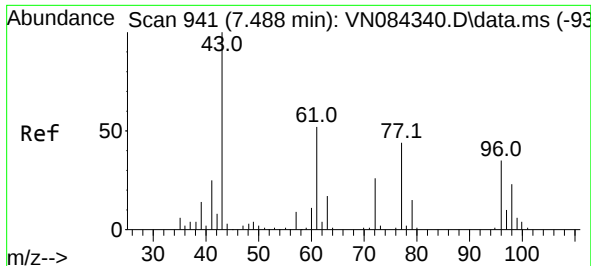
Ion Ratio Lower Upper

43 100

57 8.2 6.6 9.8

72 27.0 21.3 31.9

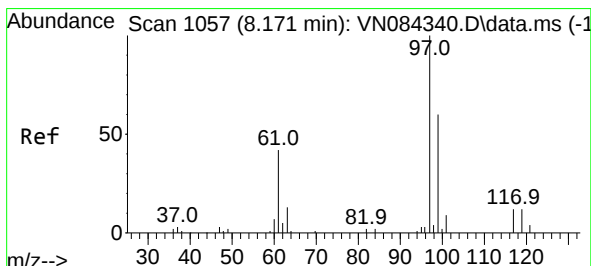
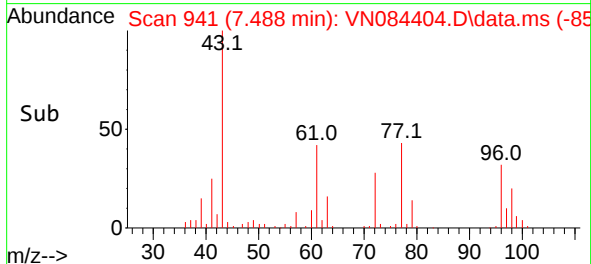
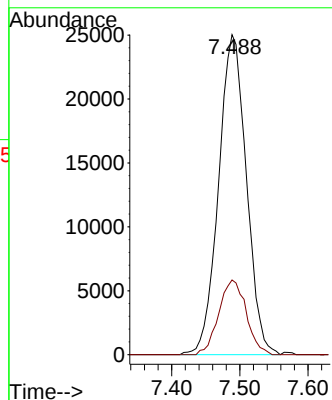
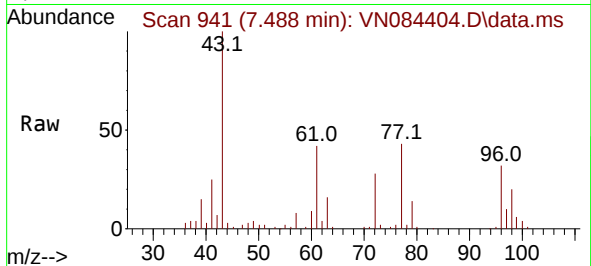




#31
2,2-Dichloropropane
Concen: 19.861 ug/l
RT: 7.488 min Scan# 941
Delta R.T. 0.000 min
Lab File: VN084404.D
Acq: 14 Oct 2024 09:52

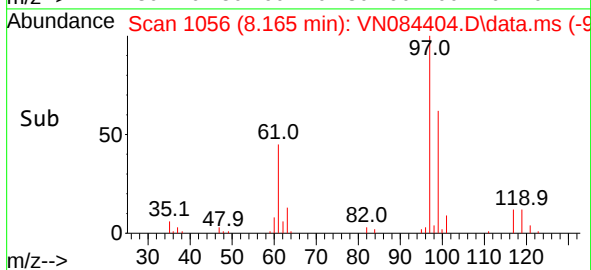
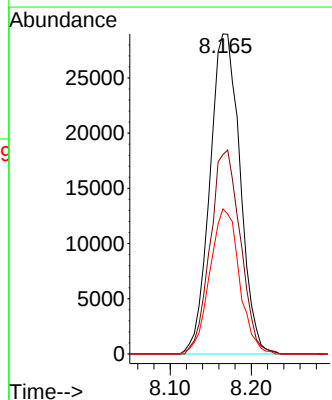
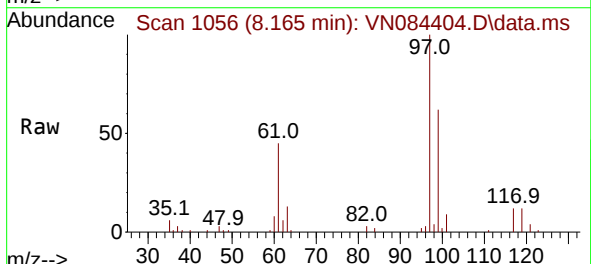
Instrument :
MSVOA_N
ClientSampleId :

Tgt Ion: 77 Resp: 71039
Ion Ratio Lower Upper
77 100
97 23.1 11.5 17.3#



#32
1,1,1-Trichloroethane
Concen: 19.231 ug/l
RT: 8.165 min Scan# 1056
Delta R.T. -0.006 min
Lab File: VN084404.D
Acq: 14 Oct 2024 09:52

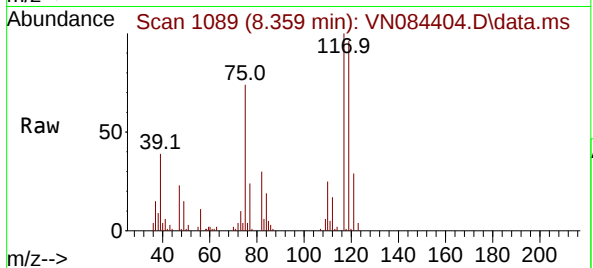
Tgt Ion: 97 Resp: 74820
Ion Ratio Lower Upper
97 100
99 63.6 51.2 76.8
61 44.5 34.1 51.1



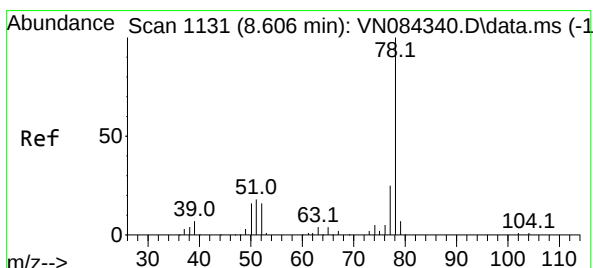
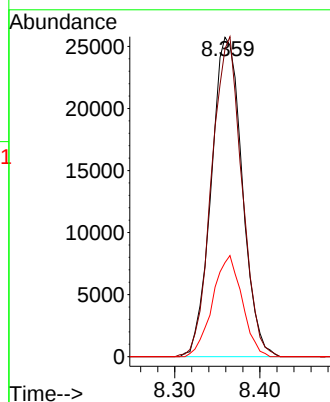
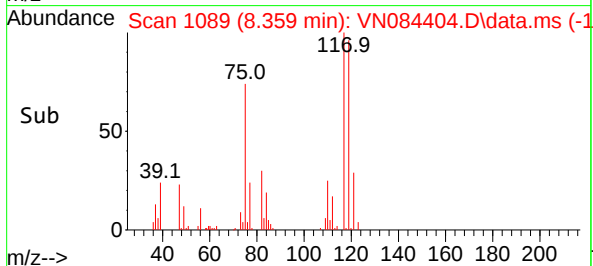


#33
Carbon Tetrachloride
Concen: 19.209 ug/l
RT: 8.359 min Scan# 1108
Delta R.T. -0.006 min
Lab File: VN084404.D
Acq: 14 Oct 2024 09:52

Instrument :
MSVOA_N
ClientSampleId :

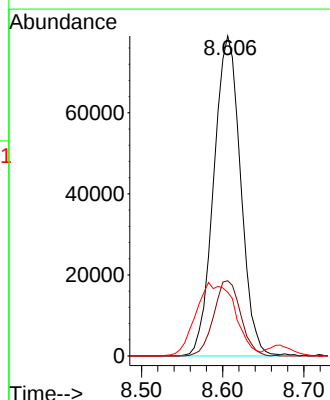
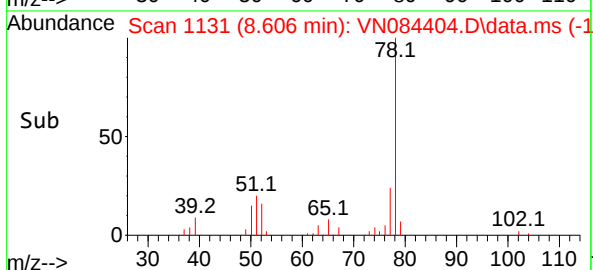
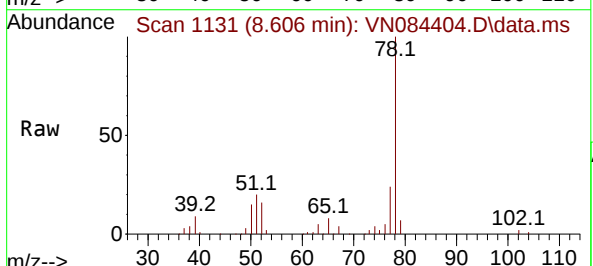


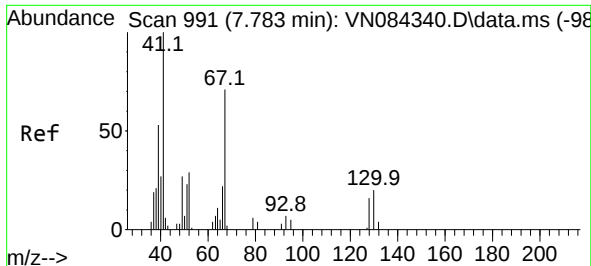
Tgt Ion:117 Resp: 64743
Ion Ratio Lower Upper
117 100
119 96.4 74.3 111.5
121 29.4 22.4 33.6



#34
Benzene
Concen: 19.021 ug/l
RT: 8.606 min Scan# 1131
Delta R.T. 0.000 min
Lab File: VN084404.D
Acq: 14 Oct 2024 09:52

Tgt Ion: 78 Resp: 181230
Ion Ratio Lower Upper
78 100
77 23.5 19.6 29.4
51 18.0 15.8 23.6

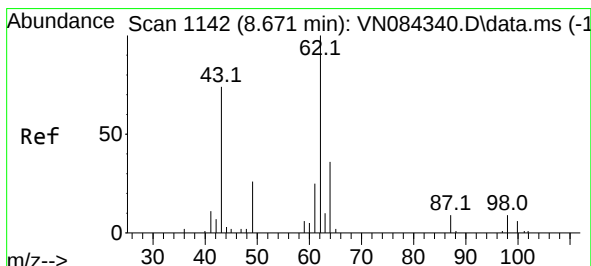
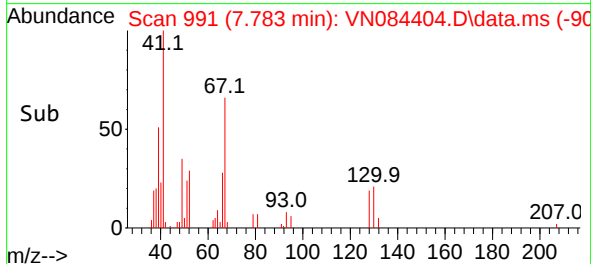
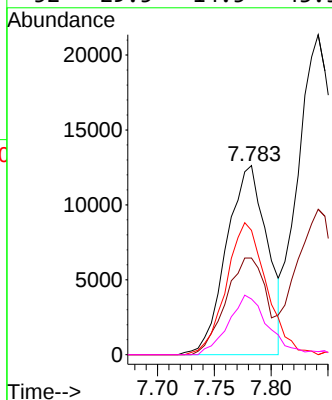
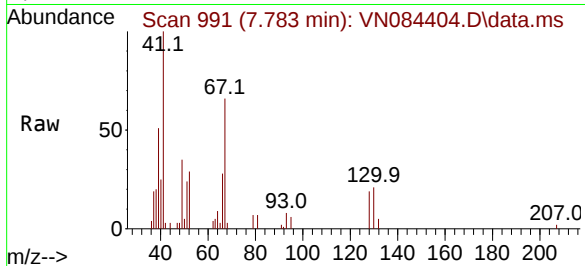




#35
Methacrylonitrile
Concen: 18.255 ug/l
RT: 7.783 min Scan# 991
Delta R.T. 0.000 min
Lab File: VN084404.D
Acq: 14 Oct 2024 09:52

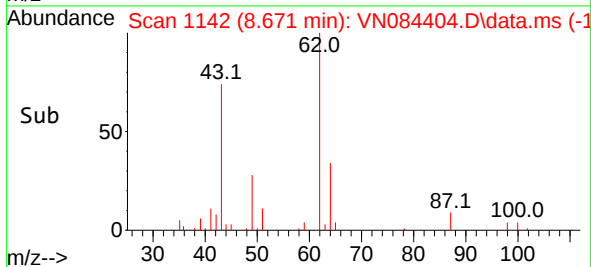
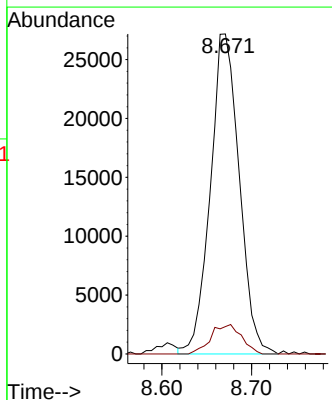
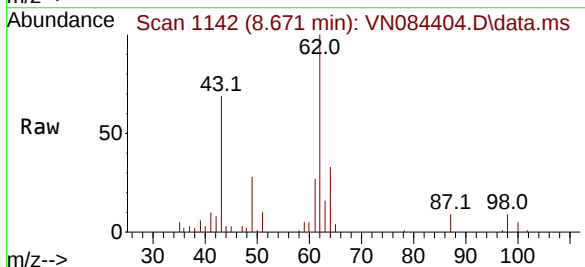
Instrument :
MSVOA_N
ClientSampleId :

Tgt Ion:	41	Resp:	31560
Ion	Ratio	Lower	Upper
41	100		
39	51.1	26.4	79.0
67	65.8	35.7	107.1
52	29.5	14.5	43.5



#36
1,2-Dichloroethane
Concen: 19.161 ug/l
RT: 8.671 min Scan# 1142
Delta R.T. 0.000 min
Lab File: VN084404.D
Acq: 14 Oct 2024 09:52

Tgt Ion:	62	Resp:	60852
Ion	Ratio	Lower	Upper
62	100		
98	5.8	7.3	10.9





#37

Trichloroethene

Concen: 18.938 ug/l

RT: 9.353 min Scan# 11

Delta R.T. 0.006 min

Lab File: VN084404.D

Acq: 14 Oct 2024 09:52

Instrument :

MSVOA_N

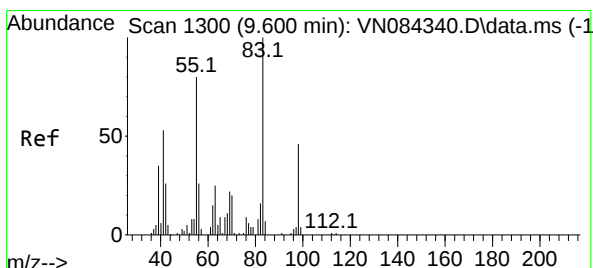
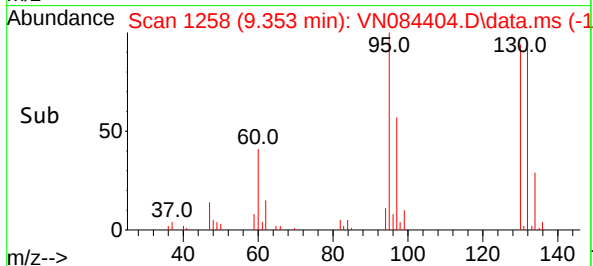
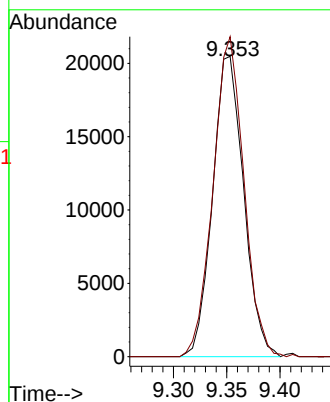
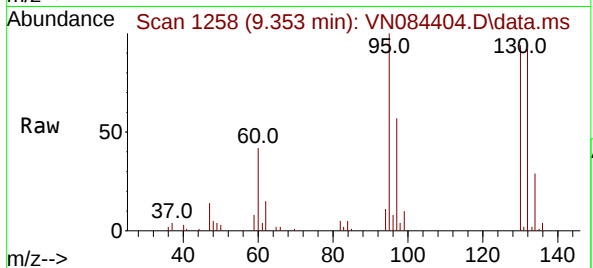
ClientSampleId :

Tgt Ion:130 Resp: 41549

Ion Ratio Lower Upper

130 100

95 106.5 85.8 128.6



#38

Methylcyclohexane

Concen: 18.142 ug/l

RT: 9.600 min Scan# 1300

Delta R.T. 0.000 min

Lab File: VN084404.D

Acq: 14 Oct 2024 09:52

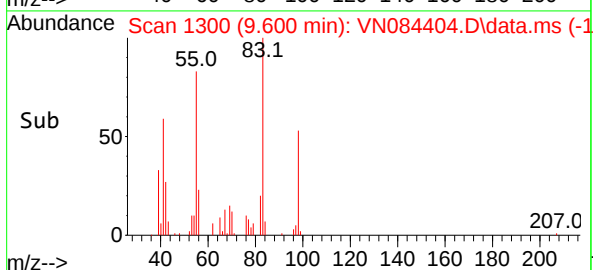
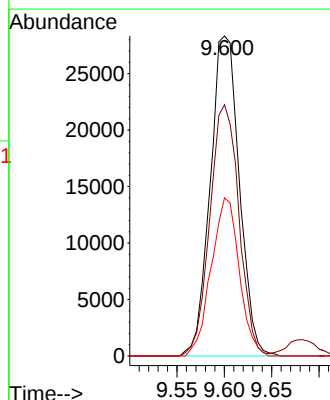
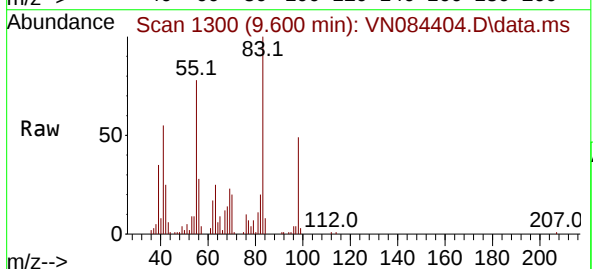
Tgt Ion: 83 Resp: 60656

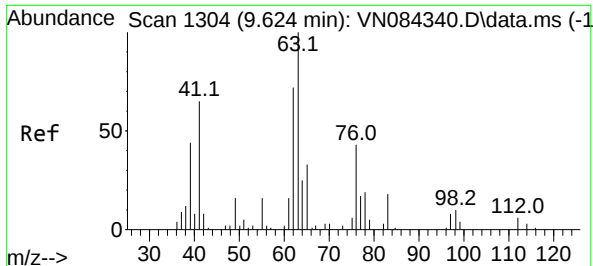
Ion Ratio Lower Upper

83 100

55 78.2 39.3 117.8

98 47.6 24.0 72.0





#39

1,2-Dichloropropane

Concen: 18.898 ug/l

RT: 9.618 min Scan# 1303

Delta R.T. -0.006 min

Lab File: VN084404.D

Acq: 14 Oct 2024 09:52

Instrument :

MSVOA_N

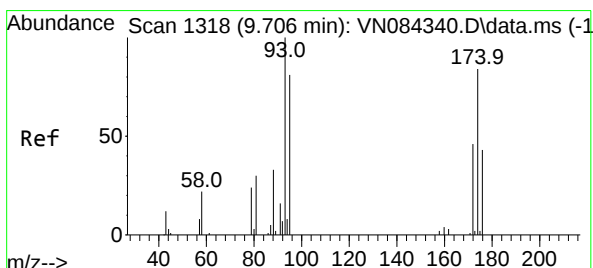
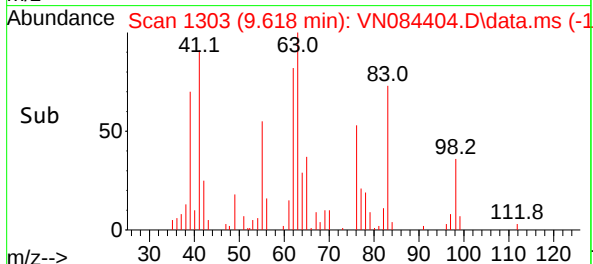
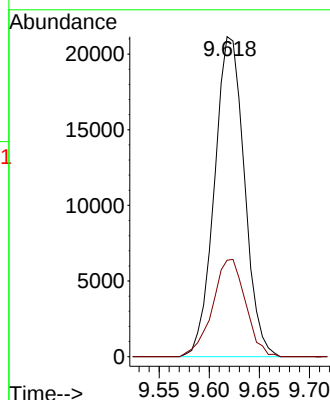
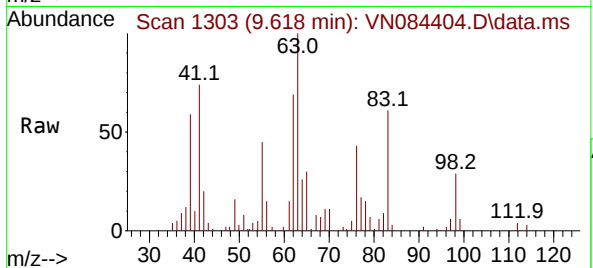
ClientSampleId :

Tgt Ion: 63 Resp: 43908

Ion Ratio Lower Upper

63 100

65 30.1 26.3 39.5



#40

Dibromomethane

Concen: 19.659 ug/l

RT: 9.706 min Scan# 1318

Delta R.T. 0.000 min

Lab File: VN084404.D

Acq: 14 Oct 2024 09:52

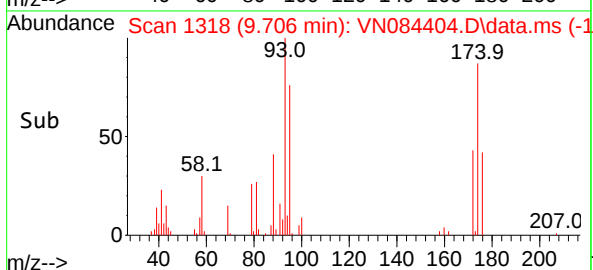
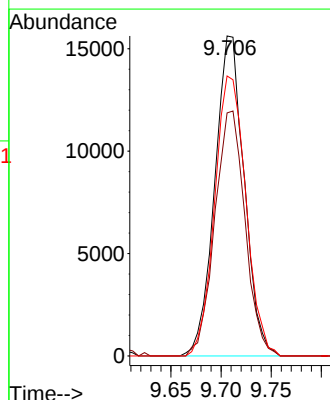
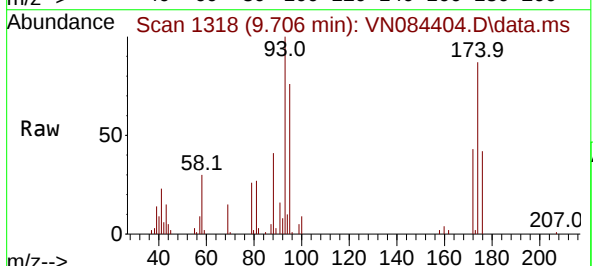
Tgt Ion: 93 Resp: 31924

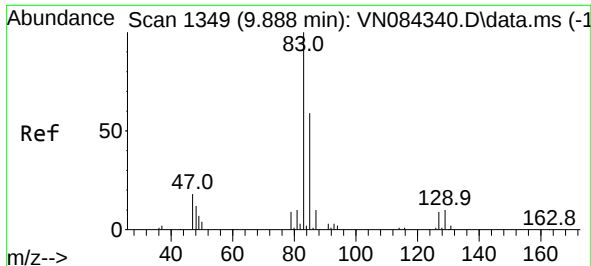
Ion Ratio Lower Upper

93 100

95 78.7 0.0 171.4

174 92.6 0.0 183.0

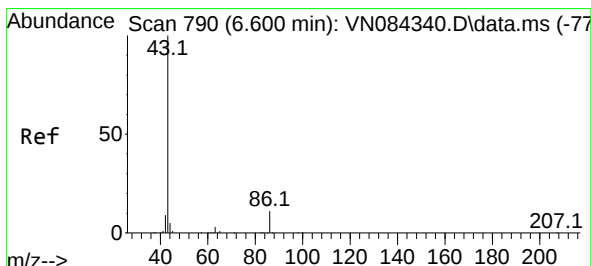
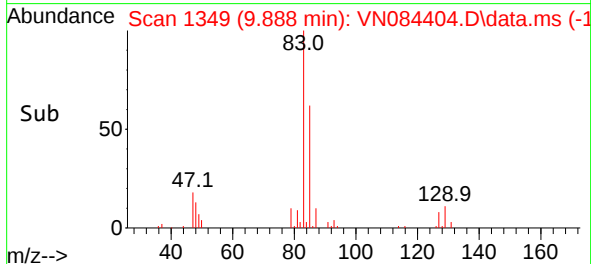
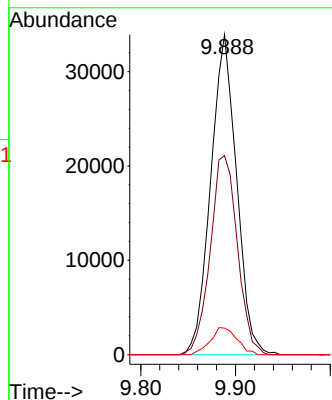
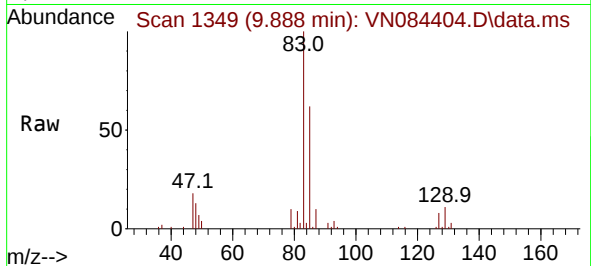




#41
Bromodichloromethane
Concen: 18.672 ug/l
RT: 9.888 min Scan# 11
Delta R.T. 0.000 min
Lab File: VN084404.D
Acq: 14 Oct 2024 09:52

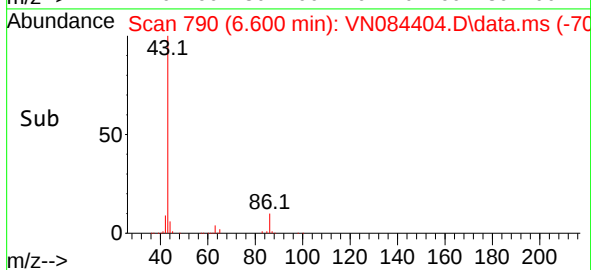
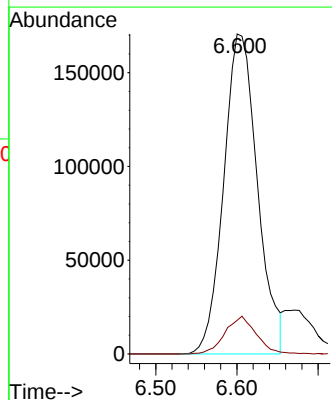
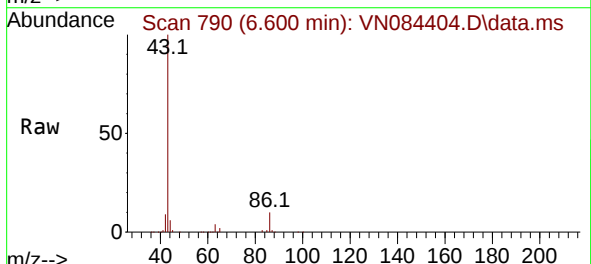
Instrument :
MSVOA_N
ClientSampleId :

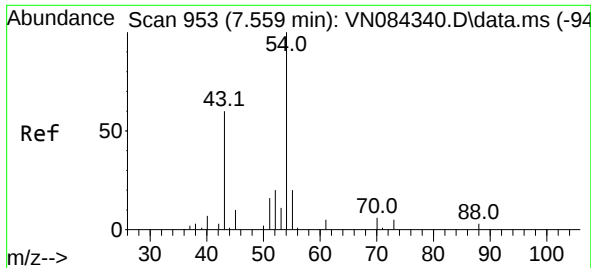
Tgt Ion: 83 Resp: 64369
Ion Ratio Lower Upper
83 100
85 62.2 47.1 70.7
127 8.3 7.1 10.7



#42
Vinyl Acetate
Concen: 87.661 ug/l
RT: 6.600 min Scan# 790
Delta R.T. 0.000 min
Lab File: VN084404.D
Acq: 14 Oct 2024 09:52

Tgt Ion: 43 Resp: 494074
Ion Ratio Lower Upper
43 100
86 10.9 8.5 12.7

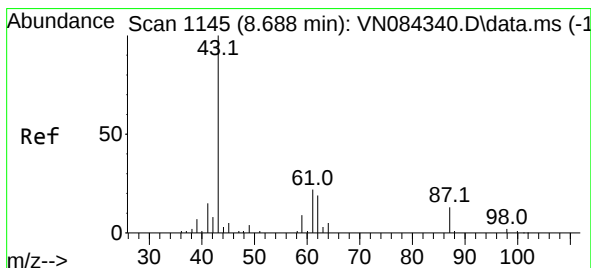
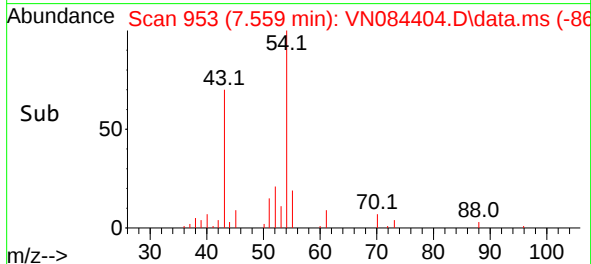
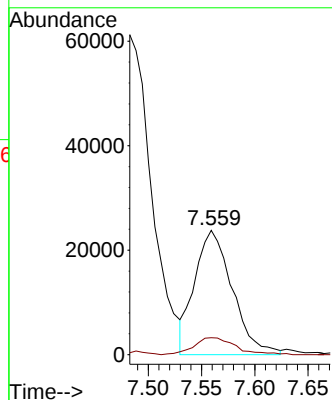
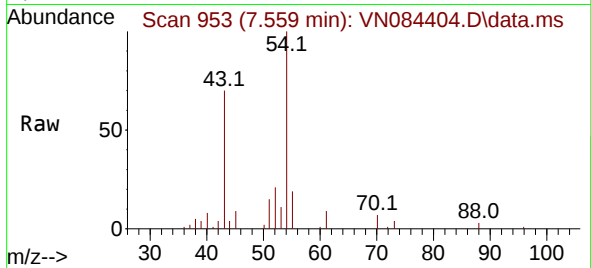




#43
Ethyl Acetate
Concen: 18.349 ug/l
RT: 7.559 min Scan# 91
Delta R.T. 0.000 min
Lab File: VN084404.D
Acq: 14 Oct 2024 09:52

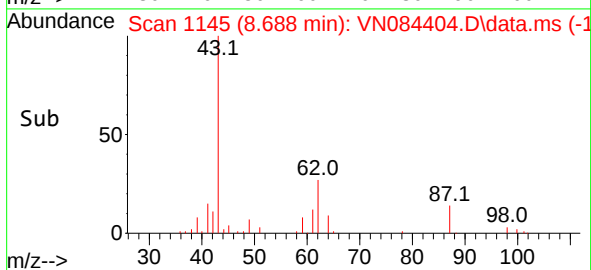
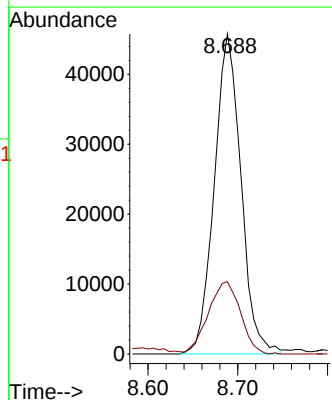
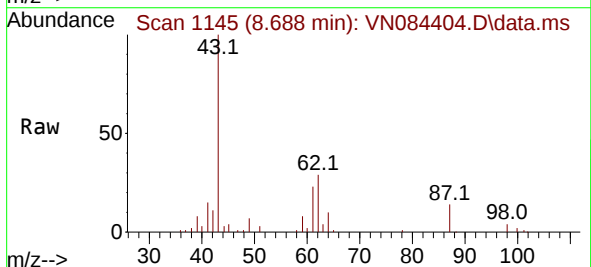
Instrument :
MSVOA_N
ClientSampleId :

Tgt Ion: 43 Resp: 58646
Ion Ratio Lower Upper
43 100
45 15.1 10.6 16.0



#44
Isopropyl Acetate
Concen: 18.060 ug/l
RT: 8.688 min Scan# 1145
Delta R.T. 0.000 min
Lab File: VN084404.D
Acq: 14 Oct 2024 09:52

Tgt Ion: 43 Resp: 94476
Ion Ratio Lower Upper
43 100
61 27.2 21.4 32.2

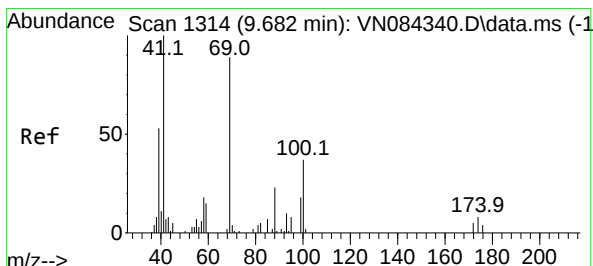
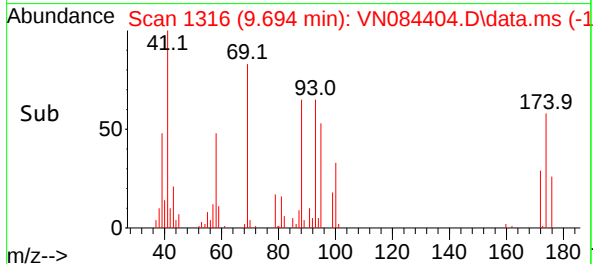
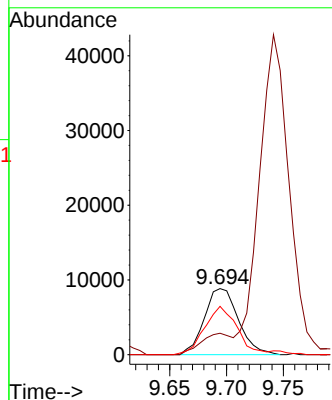
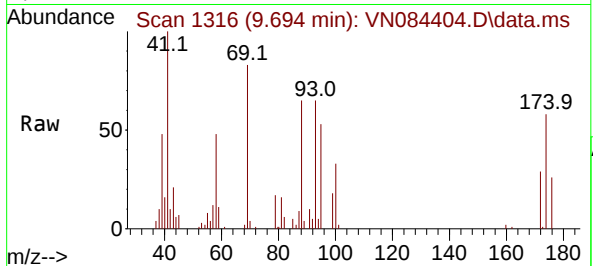




#45
1,4-Dioxane
Concen: 392.031 ug/l
RT: 9.694 min Scan# 1316
Delta R.T. -0.006 min
Lab File: VN084404.D
Acq: 14 Oct 2024 09:52

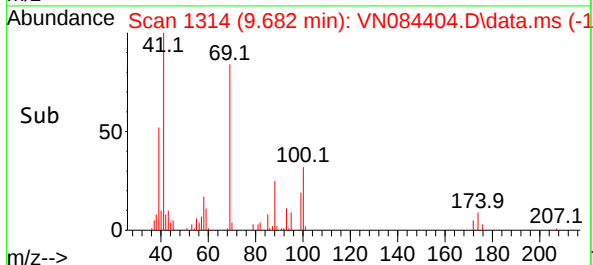
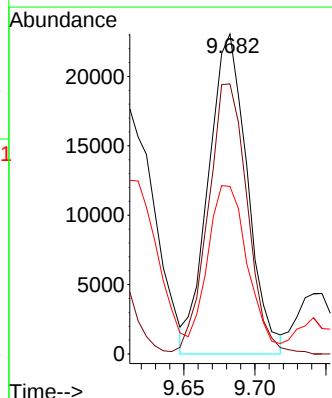
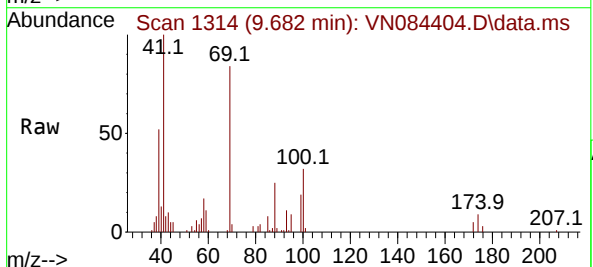
Instrument :
MSVOA_N
ClientSampleId :

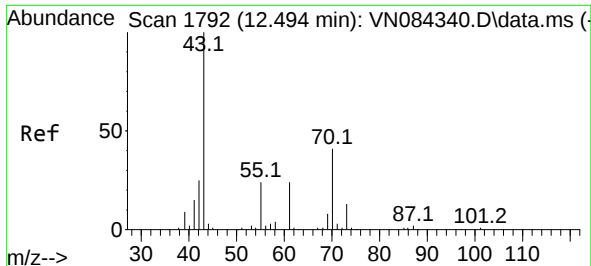
Tgt Ion: 88 Resp: 18487
Ion Ratio Lower Upper
88 100
43 29.7 22.4 33.6
58 69.5 59.7 89.5



#46
Methyl methacrylate
Concen: 17.377 ug/l
RT: 9.682 min Scan# 1314
Delta R.T. 0.000 min
Lab File: VN084404.D
Acq: 14 Oct 2024 09:52

Tgt Ion: 41 Resp: 43921
Ion Ratio Lower Upper
41 100
69 87.6 42.6 128.0
39 52.2 27.5 82.4

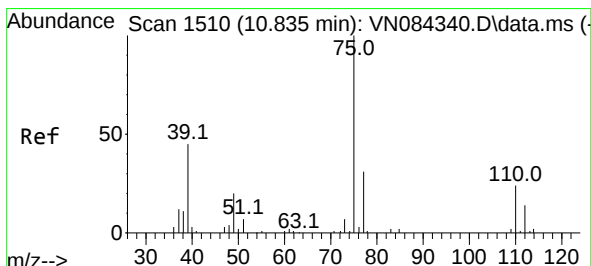
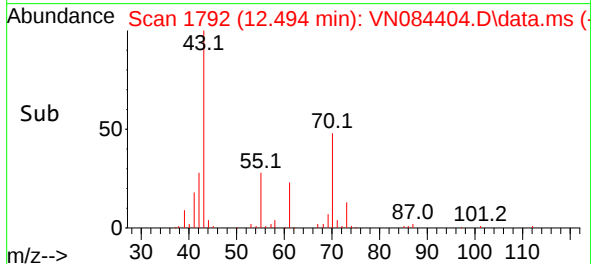
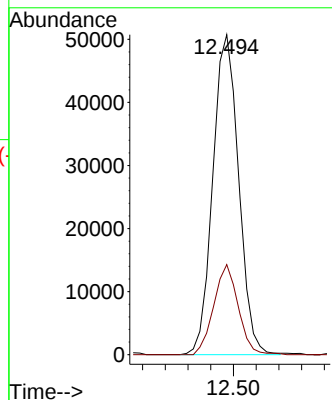
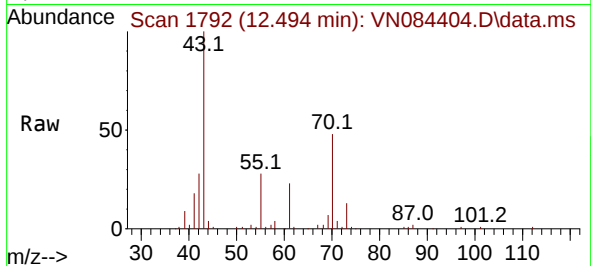




#47
n-amyl acetate
Concen: 17.198 ug/l
RT: 12.494 min Scan# 1792
Delta R.T. 0.000 min
Lab File: VN084404.D
Acq: 14 Oct 2024 09:52

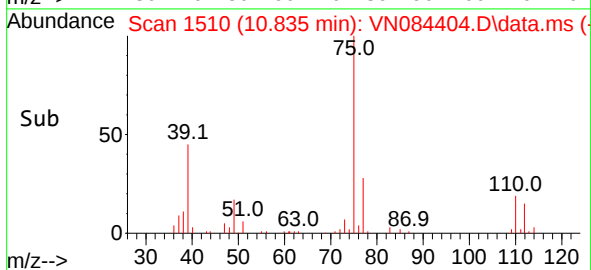
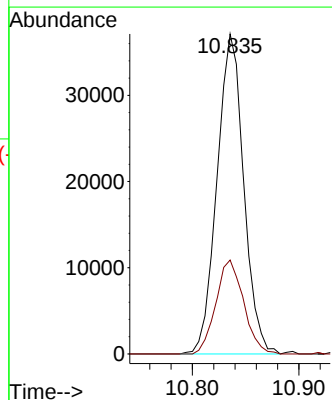
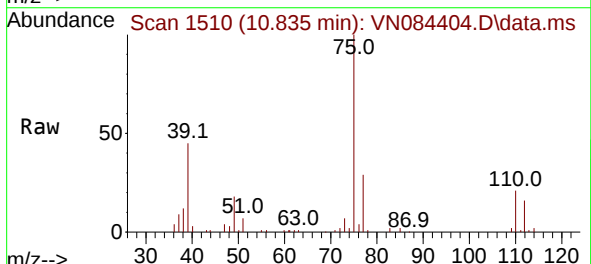
Instrument :
MSVOA_N
ClientSampleId :

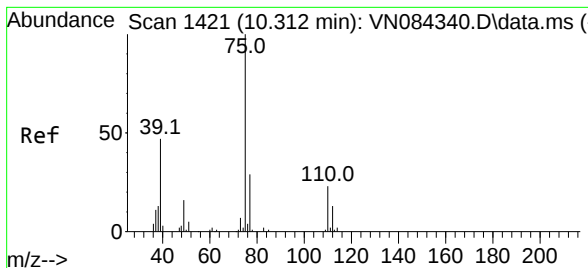
Tgt Ion: 43 Resp: 80023
Ion Ratio Lower Upper
43 100
55 26.7 20.6 31.0



#48
t-1,3-Dichloropropene
Concen: 18.110 ug/l
RT: 10.835 min Scan# 1510
Delta R.T. 0.000 min
Lab File: VN084404.D
Acq: 14 Oct 2024 09:52

Tgt Ion: 75 Resp: 64513
Ion Ratio Lower Upper
75 100
77 29.4 24.6 37.0





#49

cis-1,3-Dichloropropene

Concen: 18.925 ug/l

RT: 10.312 min Scan# 1421

Delta R.T. 0.000 min

Lab File: VN084404.D

Acq: 14 Oct 2024 09:52

Instrument :

MSVOA_N

ClientSampleId :

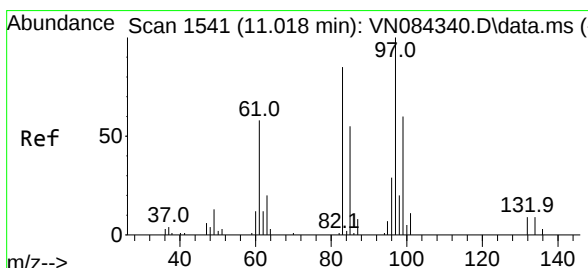
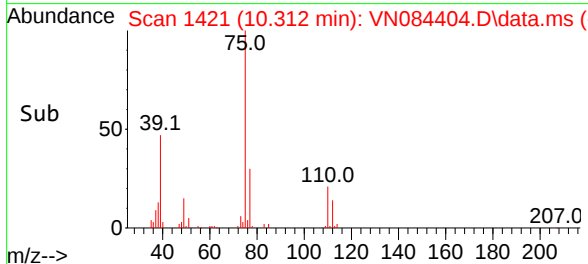
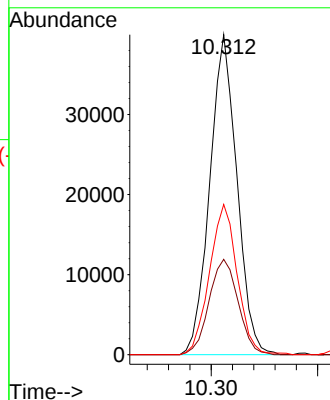
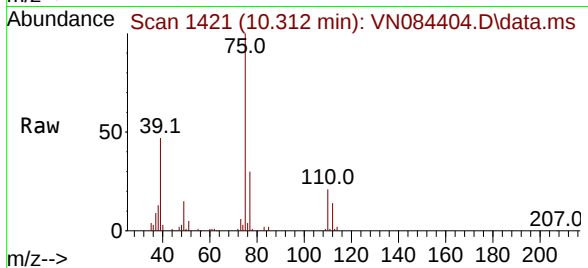
Tgt Ion: 75 Resp: 70654

Ion Ratio Lower Upper

75 100

77 29.8 22.9 34.3

39 47.0 37.4 56.2



#50

1,1,2-Trichloroethane

Concen: 19.555 ug/l

RT: 11.018 min Scan# 1541

Delta R.T. 0.000 min

Lab File: VN084404.D

Acq: 14 Oct 2024 09:52

Tgt Ion: 97 Resp: 42682

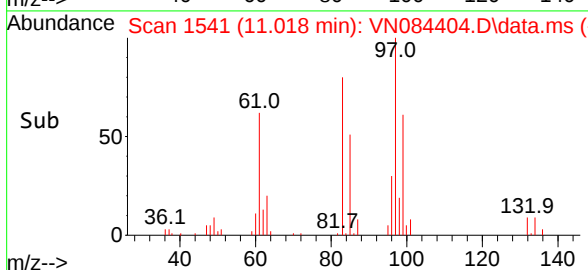
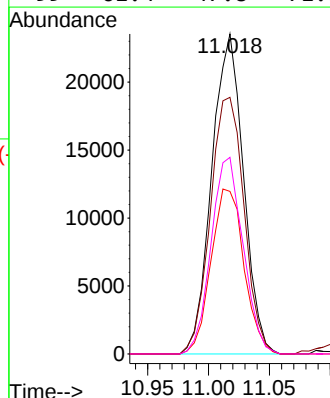
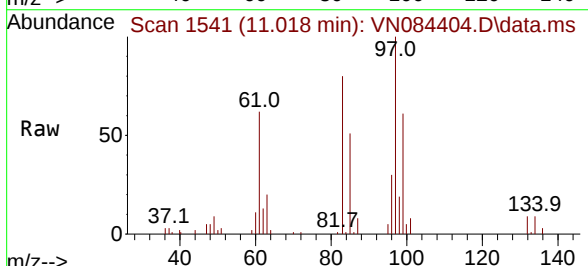
Ion Ratio Lower Upper

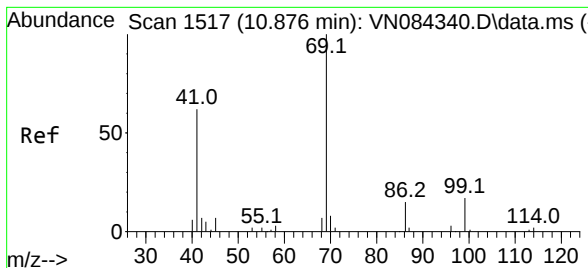
97 100

83 80.2 67.8 101.8

85 50.8 44.2 66.2

99 61.4 47.8 71.8

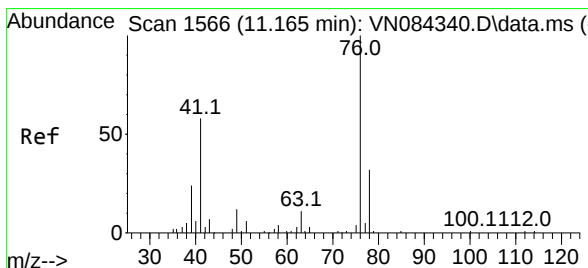
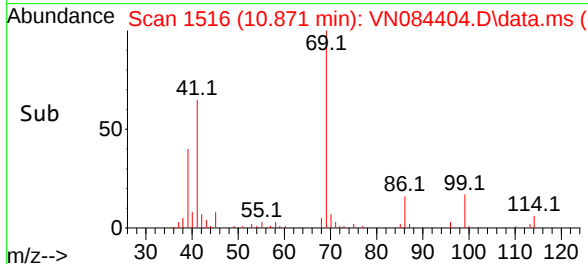
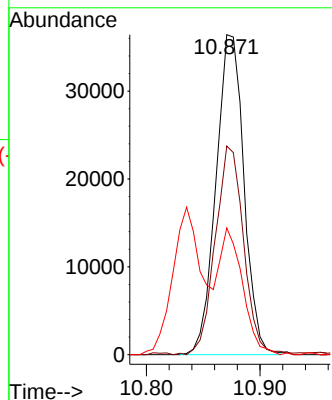
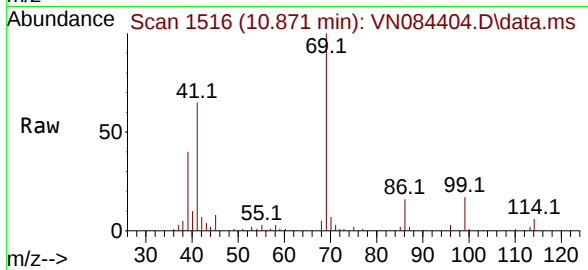




#51
Ethyl methacrylate
Concen: 17.281 ug/l
RT: 10.871 min Scan# 1516
Delta R.T. -0.006 min
Lab File: VN084404.D
Acq: 14 Oct 2024 09:52

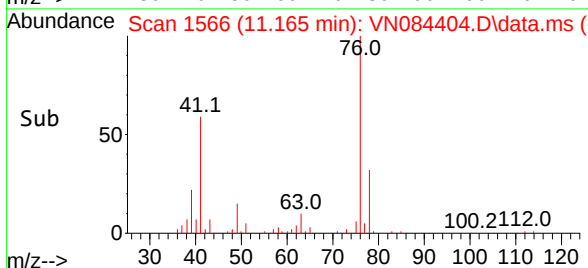
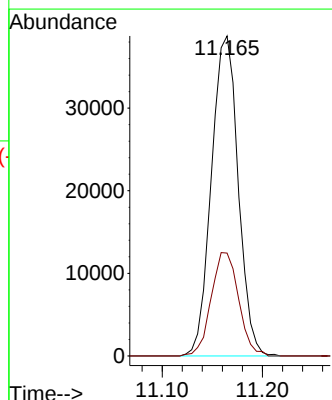
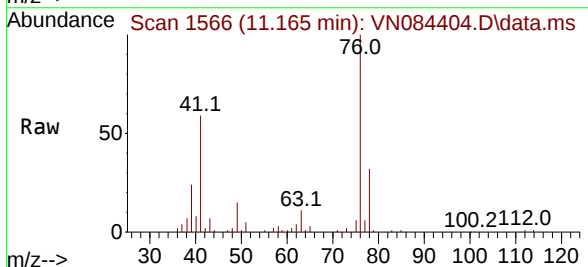
Instrument :
MSVOA_N
ClientSampleId :

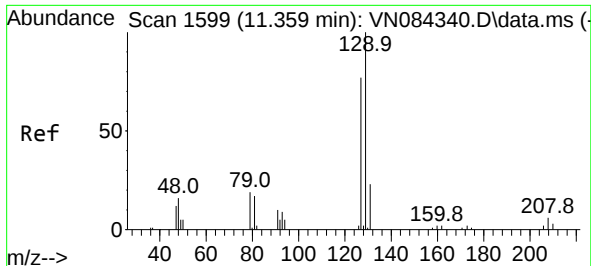
Tgt Ion: 69 Resp: 62302
Ion Ratio Lower Upper
69 100
41 64.8 30.9 92.7
39 39.6 16.6 49.7



#52
1,3-Dichloropropane
Concen: 18.853 ug/l
RT: 11.165 min Scan# 1566
Delta R.T. 0.000 min
Lab File: VN084404.D
Acq: 14 Oct 2024 09:52

Tgt Ion: 76 Resp: 71953
Ion Ratio Lower Upper
76 100
78 33.1 0.0 64.2

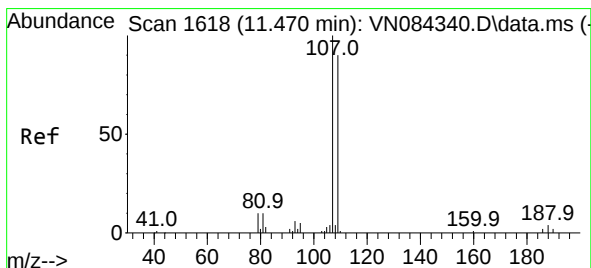
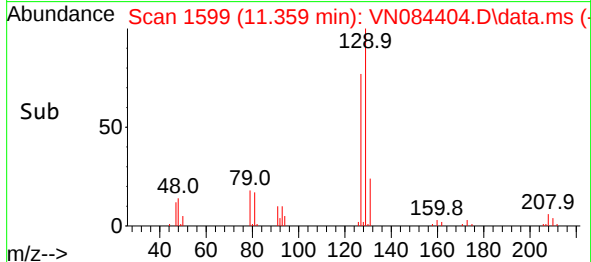
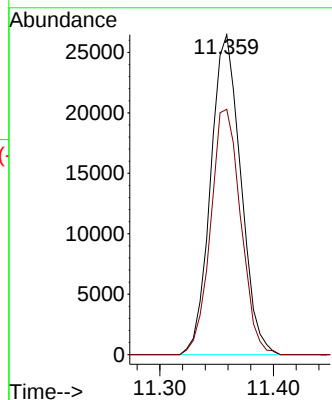
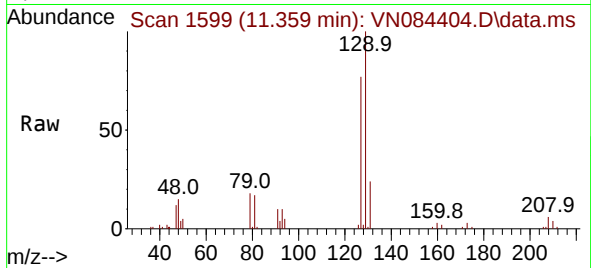




#53
Dibromochloromethane
Concen: 18.914 ug/l
RT: 11.359 min Scan# 11
Delta R.T. 0.000 min
Lab File: VN084404.D
Acq: 14 Oct 2024 09:52

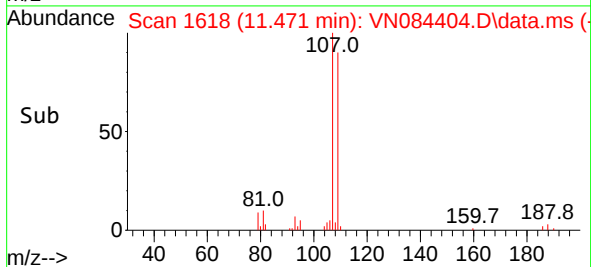
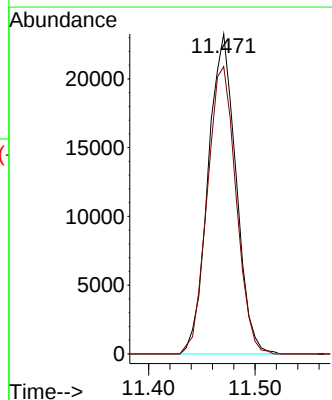
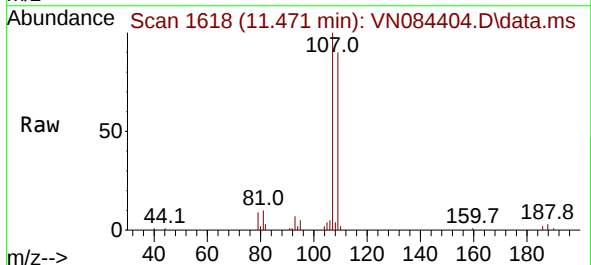
Instrument :
MSVOA_N
ClientSampleId :

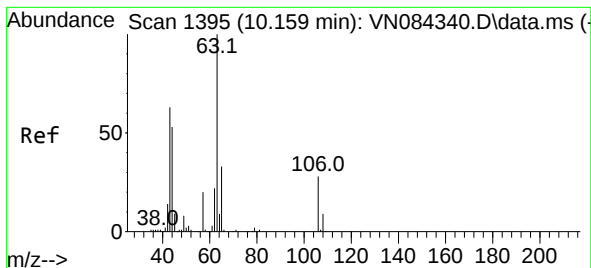
Tgt Ion:129 Resp: 48768
Ion Ratio Lower Upper
129 100
127 76.7 38.5 115.5



#54
1,2-Dibromoethane
Concen: 18.808 ug/l
RT: 11.471 min Scan# 1618
Delta R.T. 0.000 min
Lab File: VN084404.D
Acq: 14 Oct 2024 09:52

Tgt Ion:107 Resp: 42257
Ion Ratio Lower Upper
107 100
109 92.7 73.8 110.6

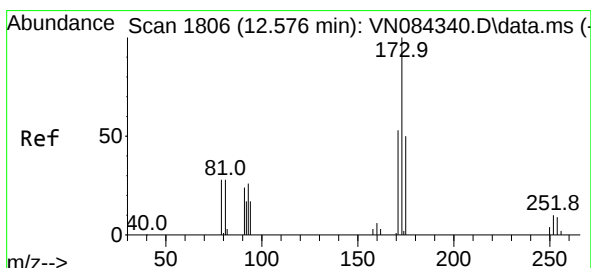
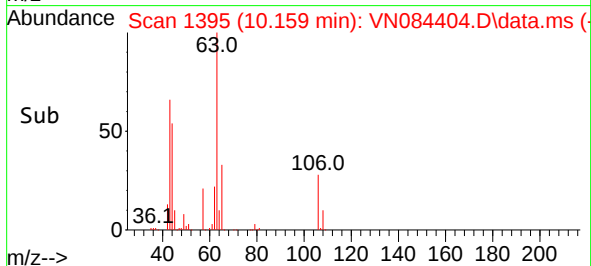
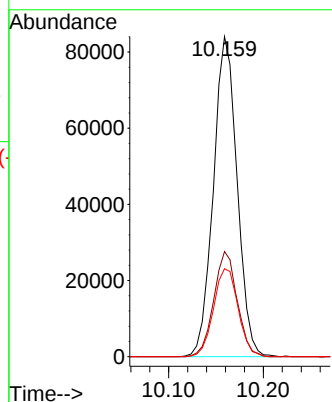
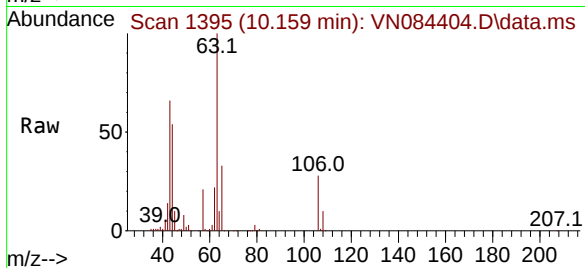




#55
2-Chloroethyl vinyl ether
Concen: 89.522 ug/l
RT: 10.159 min Scan# 1395
Delta R.T. 0.000 min
Lab File: VN084404.D
Acq: 14 Oct 2024 09:52

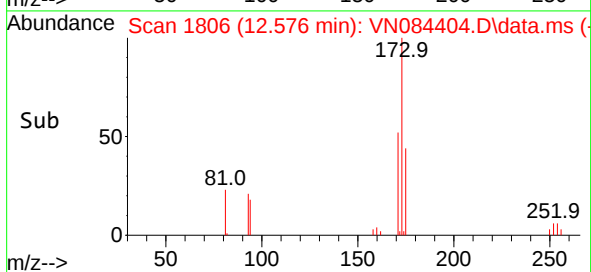
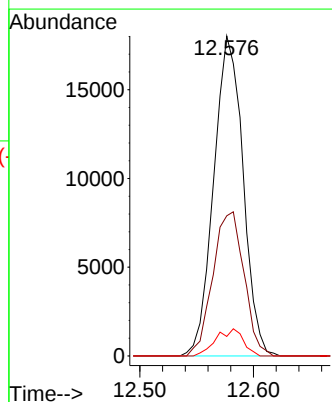
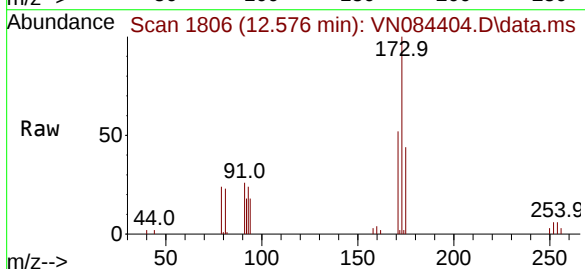
Instrument :
MSVOA_N
ClientSampleId :

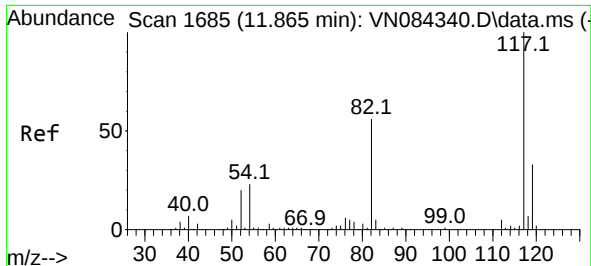
Tgt Ion: 63 Resp: 146382
Ion Ratio Lower Upper
63 100
65 32.4 25.6 38.4
106 28.6 21.6 32.4



#56
Bromoform
Concen: 18.876 ug/l
RT: 12.576 min Scan# 1806
Delta R.T. 0.000 min
Lab File: VN084404.D
Acq: 14 Oct 2024 09:52

Tgt Ion: 173 Resp: 32279
Ion Ratio Lower Upper
173 100
175 48.0 39.4 59.2
254 7.9 6.8 10.2

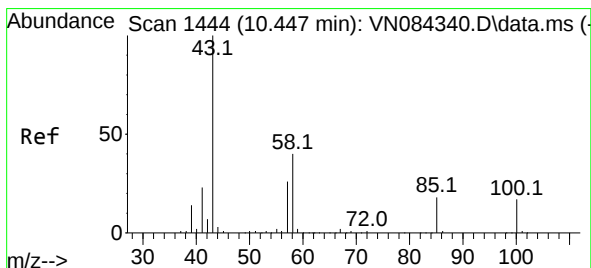
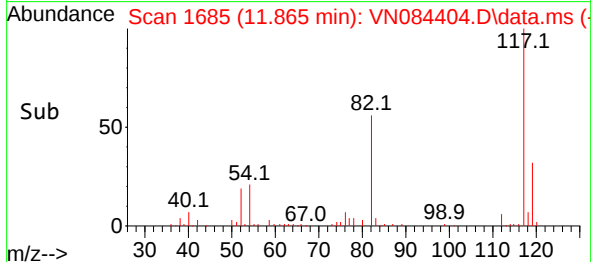
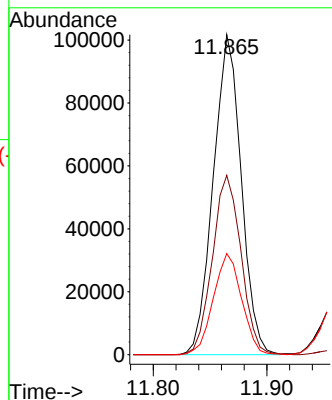
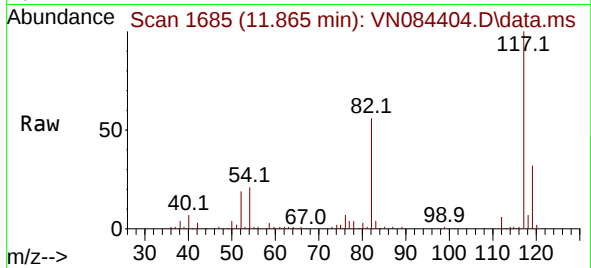




#57
Chlorobenzene-d5
Concen: 30.000 ug/l
RT: 11.865 min Scan# 117
Delta R.T. 0.000 min
Lab File: VN084404.D
Acq: 14 Oct 2024 09:52

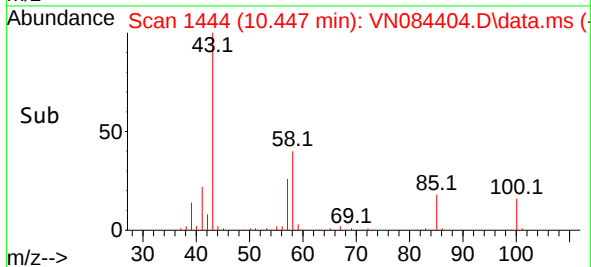
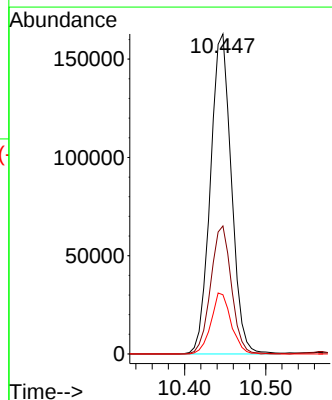
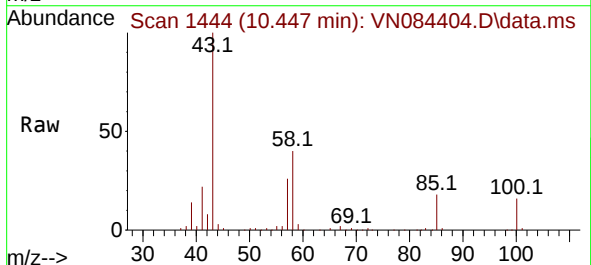
Instrument :
MSVOA_N
ClientSampleId :

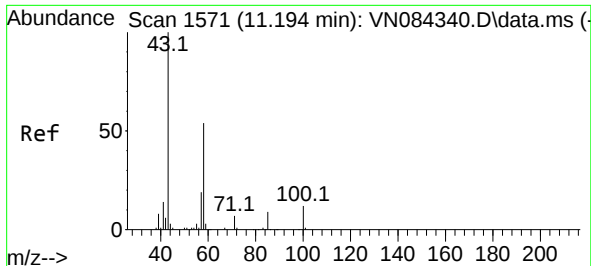
Tgt Ion:117 Resp: 174081
Ion Ratio Lower Upper
117 100
82 57.4 46.2 69.4
119 32.0 25.4 38.2



#58
4-Methyl-2-Pentanone
Concen: 90.263 ug/l
RT: 10.447 min Scan# 1444
Delta R.T. 0.000 min
Lab File: VN084404.D
Acq: 14 Oct 2024 09:52

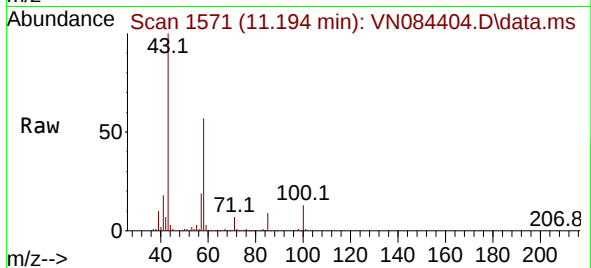
Tgt Ion: 43 Resp: 292709
Ion Ratio Lower Upper
43 100
58 39.5 31.9 47.9
85 18.2 14.6 22.0



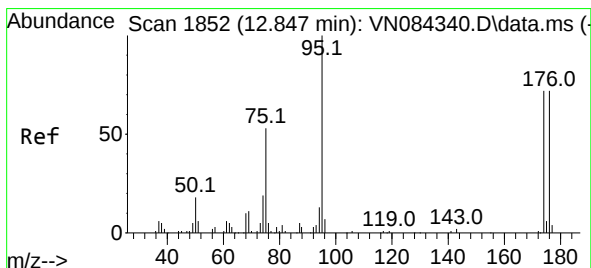
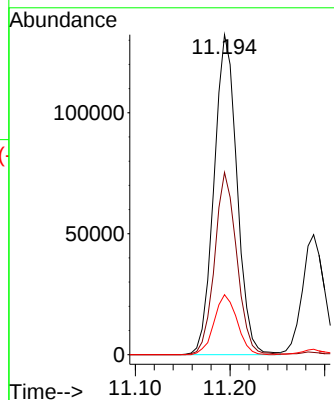
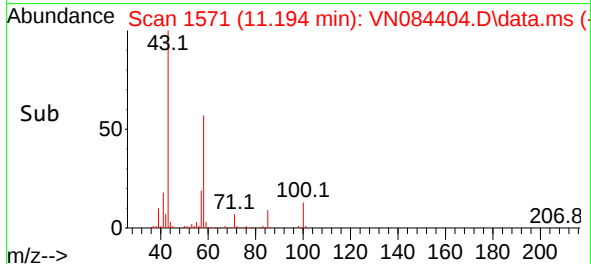


#59
2-Hexanone
Concen: 92.376 ug/l
RT: 11.194 min Scan# 1571
Delta R.T. 0.000 min
Lab File: VN084404.D
Acq: 14 Oct 2024 09:52

Instrument :
MSVOA_N
ClientSampleId :

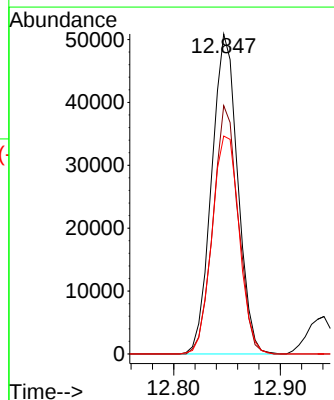
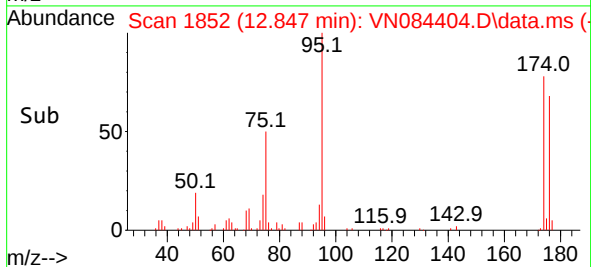
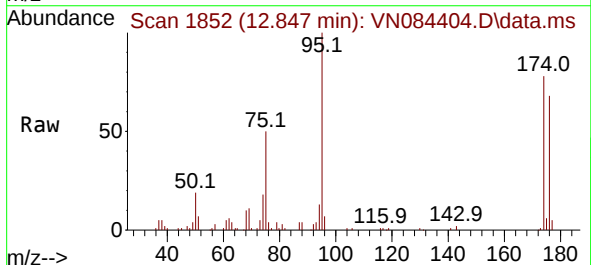


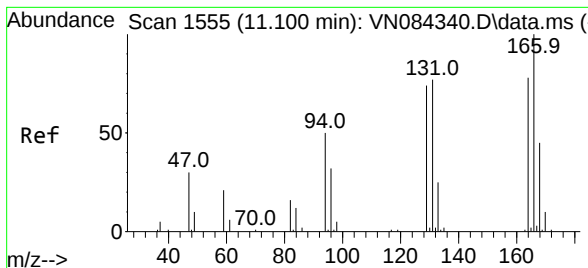
Tgt Ion: 43 Resp: 222598
Ion Ratio Lower Upper
43 100
58 54.8 44.0 66.0
57 18.8 15.4 23.2



#60
4-Bromofluorobenzene
Concen: 30.042 ug/l
RT: 12.847 min Scan# 1852
Delta R.T. 0.000 min
Lab File: VN084404.D
Acq: 14 Oct 2024 09:52

Tgt Ion: 95 Resp: 86312
Ion Ratio Lower Upper
95 100
174 74.9 58.2 87.2
176 71.4 56.4 84.6





#61

Tetrachloroethene

Concen: 19.861 ug/l

RT: 11.106 min Scan# 11

Delta R.T. 0.006 min

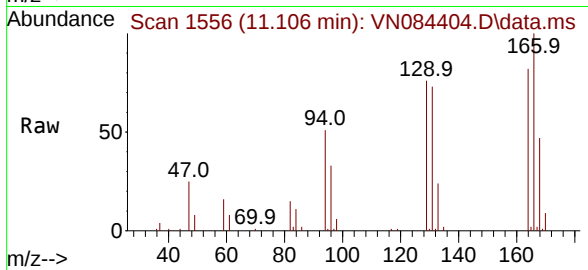
Lab File: VN084404.D

Acq: 14 Oct 2024 09:52

Instrument :

MSVOA_N

ClientSampleId :



Tgt Ion:164 Resp: 39109

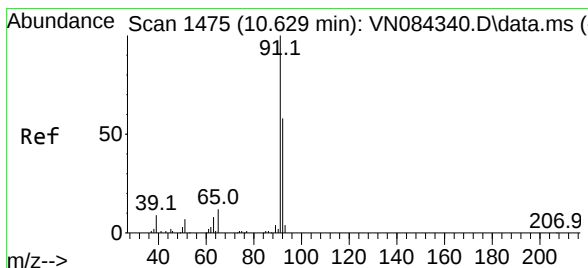
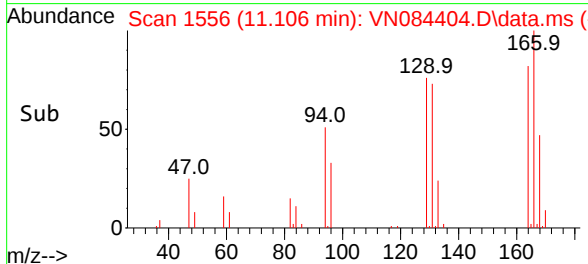
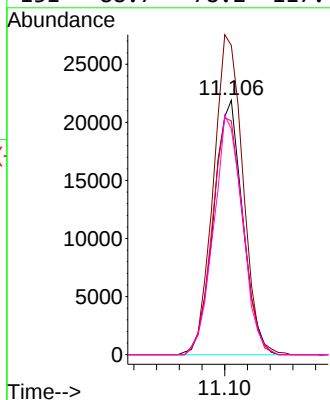
Ion Ratio Lower Upper

164 100

166 121.6 102.5 153.7

129 91.9 75.7 113.5

131 88.7 78.2 117.4



#62

Toluene

Concen: 18.880 ug/l

RT: 10.629 min Scan# 1475

Delta R.T. 0.000 min

Lab File: VN084404.D

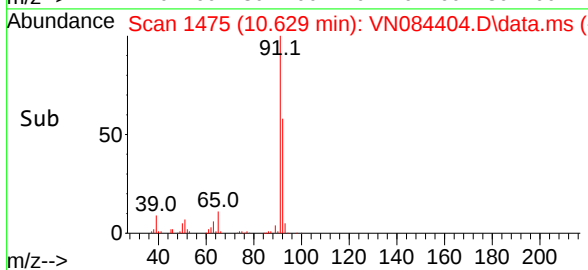
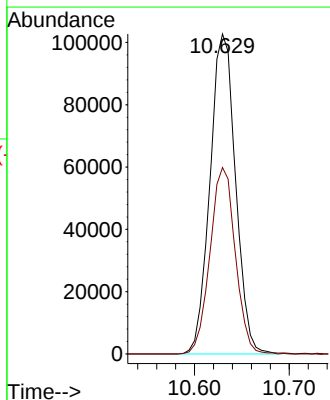
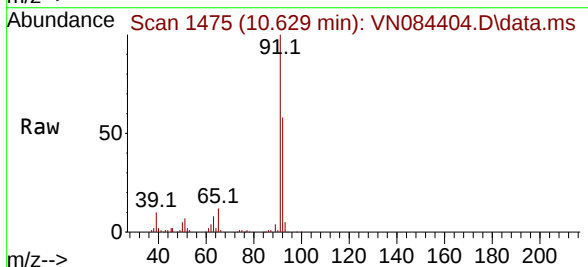
Acq: 14 Oct 2024 09:52

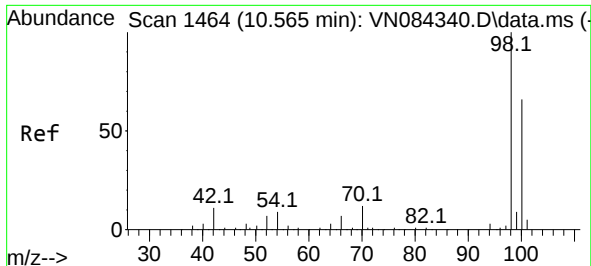
Tgt Ion: 91 Resp: 192405

Ion Ratio Lower Upper

91 100

92 57.6 47.2 70.8

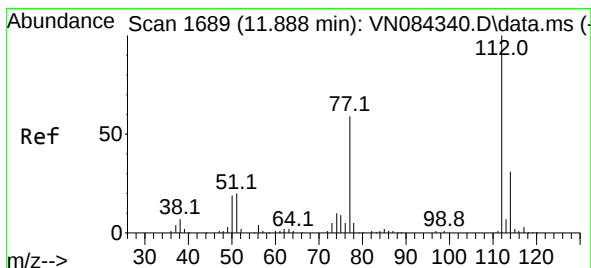
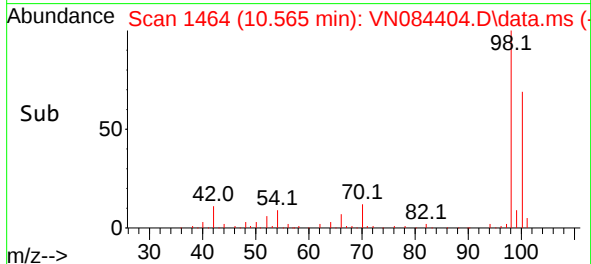
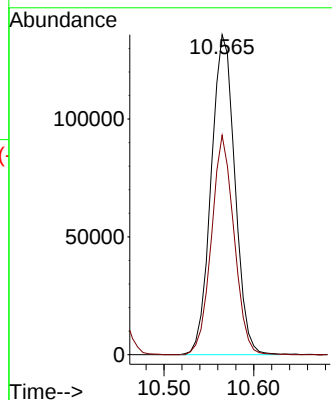
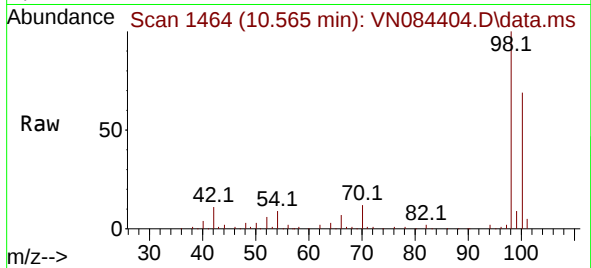




#63
Toluene-d8
Concen: 30.907 ug/l
RT: 10.565 min Scan# 1464
Delta R.T. 0.000 min
Lab File: VN084404.D
Acq: 14 Oct 2024 09:52

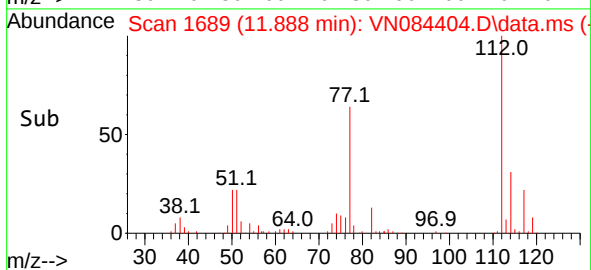
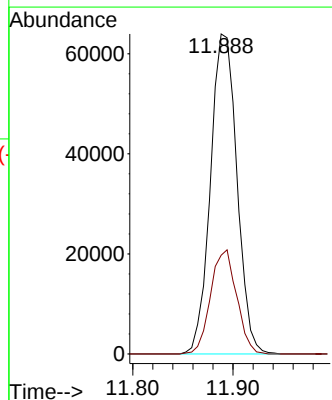
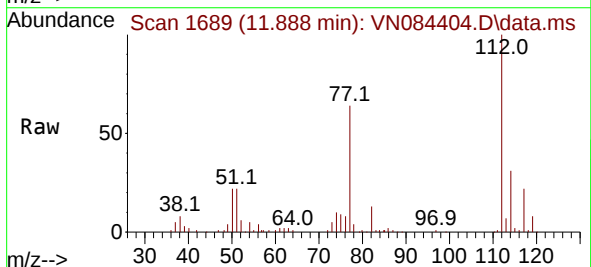
Instrument :
MSVOA_N
ClientSampleId :

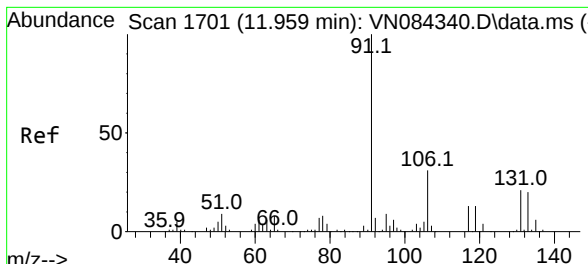
Tgt Ion: 98 Resp: 249248
Ion Ratio Lower Upper
98 100
100 65.4 52.5 78.7



#64
Chlorobenzene
Concen: 18.528 ug/l
RT: 11.888 min Scan# 1689
Delta R.T. 0.000 min
Lab File: VN084404.D
Acq: 14 Oct 2024 09:52

Tgt Ion: 112 Resp: 117499
Ion Ratio Lower Upper
112 100
114 30.9 25.1 37.7

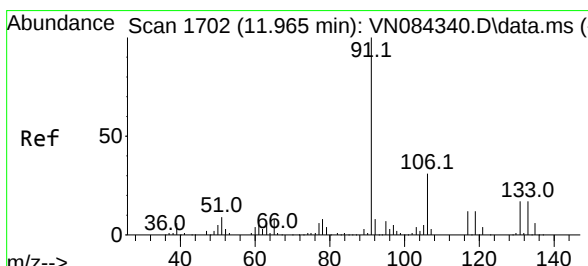
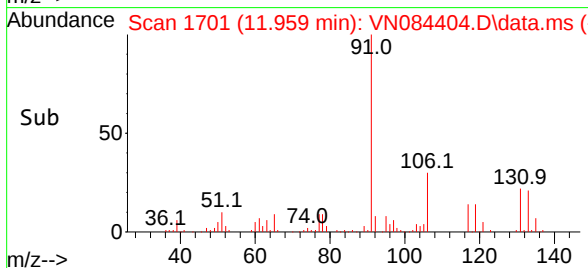
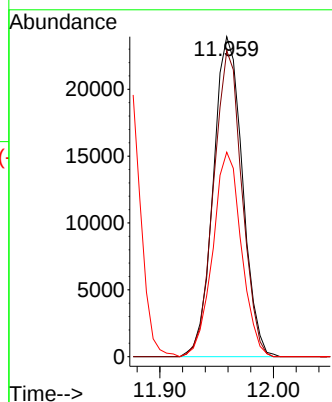
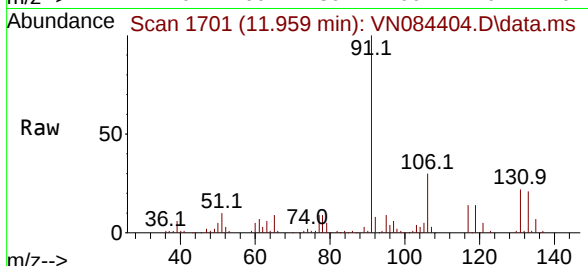




#65
 1,1,1,2-Tetrachloroethane
 Concen: 19.378 ug/l
 RT: 11.959 min Scan# 1701
 Delta R.T. 0.000 min
 Lab File: VN084404.D
 Acq: 14 Oct 2024 09:52

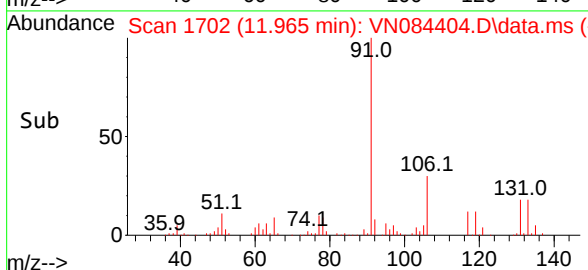
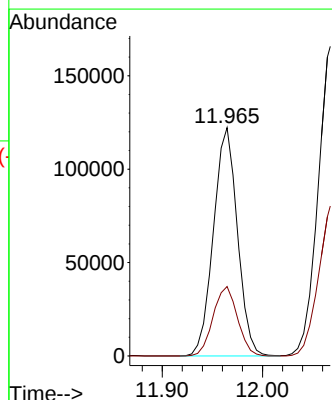
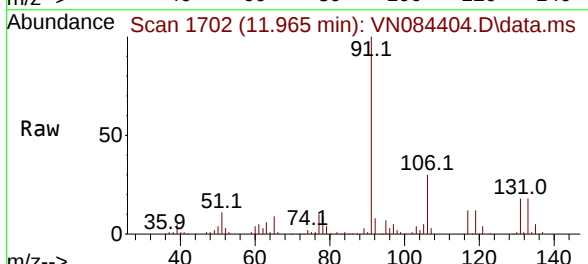
Instrument :
 MSVOA_N
 ClientSampleId :

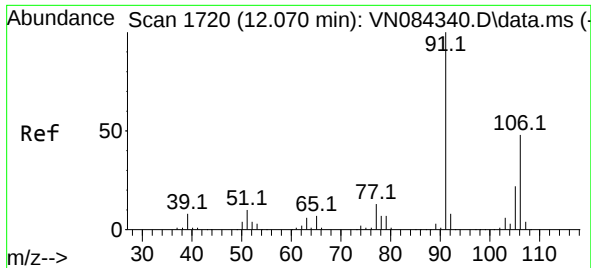
Tgt Ion:131 Resp: 42694
 Ion Ratio Lower Upper
 131 100
 133 93.0 0.0 190.4
 119 62.7 0.0 130.0



#66
 Ethyl Benzene
 Concen: 18.325 ug/l
 RT: 11.965 min Scan# 1702
 Delta R.T. 0.000 min
 Lab File: VN084404.D
 Acq: 14 Oct 2024 09:52

Tgt Ion: 91 Resp: 202901
 Ion Ratio Lower Upper
 91 100
 106 30.4 25.2 37.8

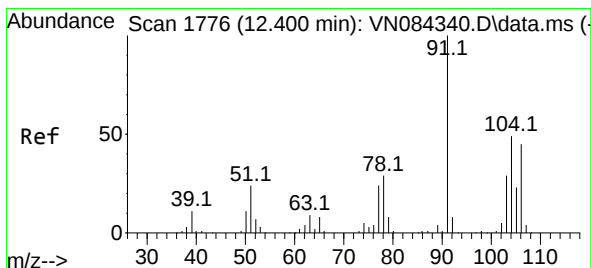
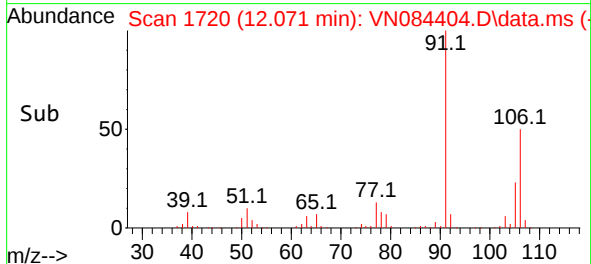
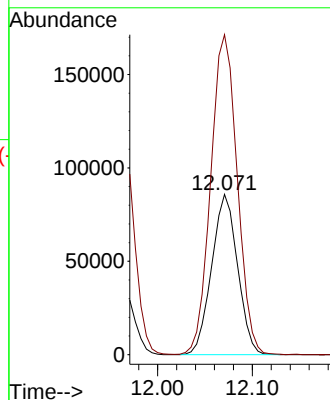
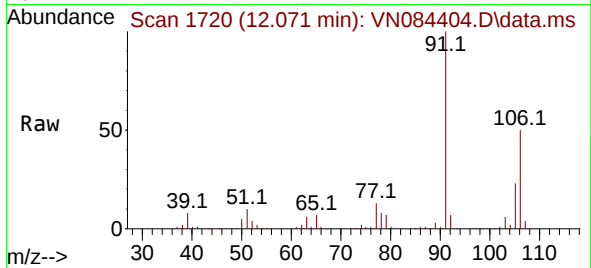




#67
m/p-Xylenes
Concen: 38.811 ug/l
RT: 12.071 min Scan# 1720
Delta R.T. 0.000 min
Lab File: VN084404.D
Acq: 14 Oct 2024 09:52

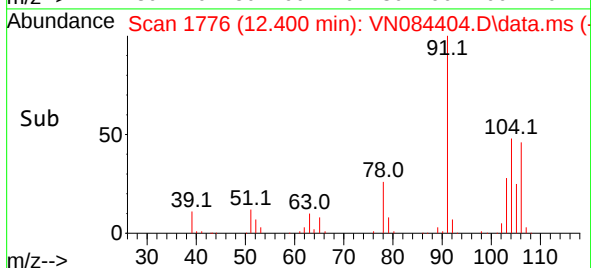
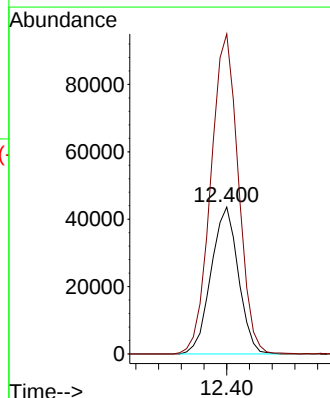
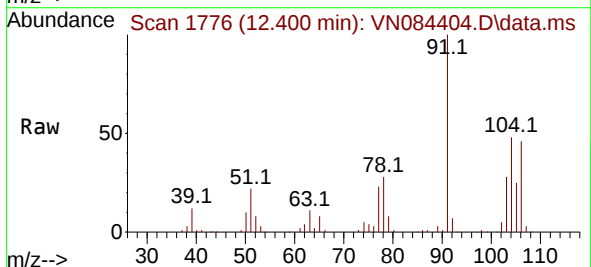
Instrument :
MSVOA_N
ClientSampleId :

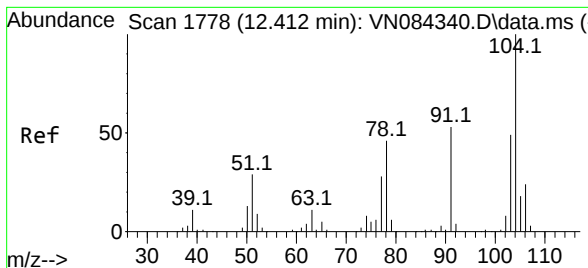
Tgt Ion:106 Resp: 163016
Ion Ratio Lower Upper
106 100
91 204.5 166.7 250.1



#68
o-Xylene
Concen: 17.953 ug/l
RT: 12.400 min Scan# 1776
Delta R.T. 0.000 min
Lab File: VN084404.D
Acq: 14 Oct 2024 09:52

Tgt Ion:106 Resp: 72683
Ion Ratio Lower Upper
106 100
91 219.9 110.9 332.9





#69

Styrene

Concen: 18.481 ug/l

RT: 12.412 min Scan# 11

Delta R.T. 0.000 min

Lab File: VN084404.D

Acq: 14 Oct 2024 09:52

Instrument :

MSVOA_N

ClientSampleId :

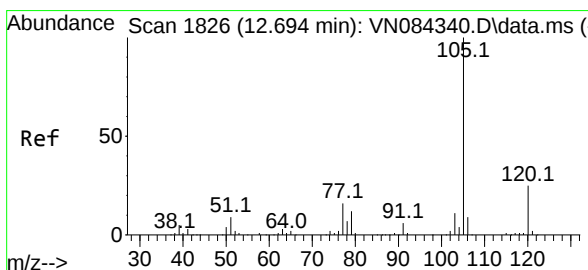
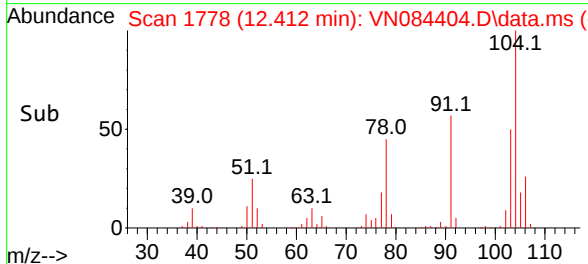
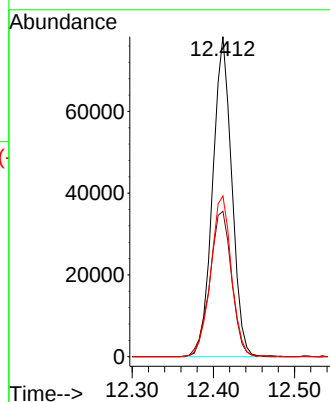
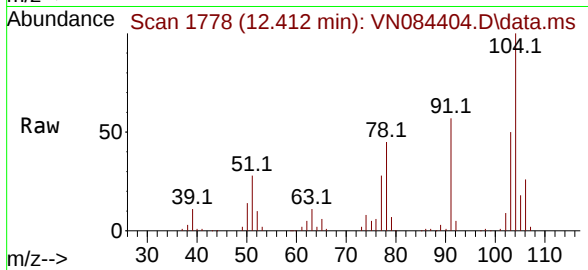
Tgt Ion:104 Resp: 128440

Ion Ratio Lower Upper

104 100

78 51.7 41.6 62.4

103 54.3 44.4 66.6



#70

Isopropylbenzene

Concen: 18.361 ug/l

RT: 12.694 min Scan# 1826

Delta R.T. 0.000 min

Lab File: VN084404.D

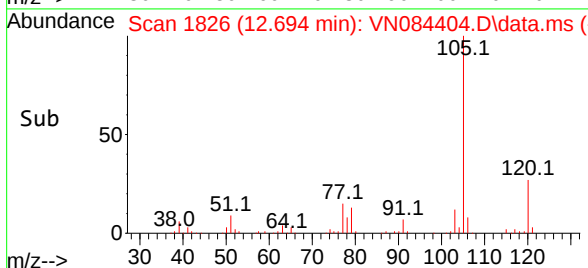
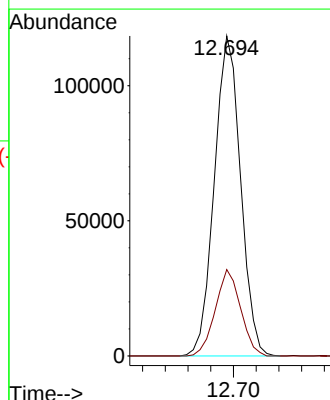
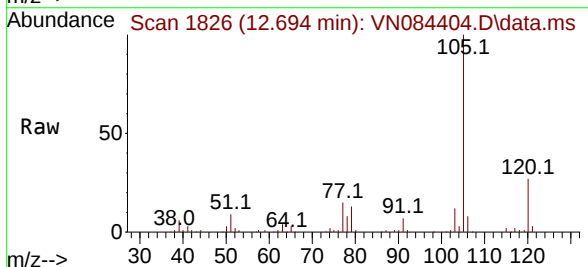
Acq: 14 Oct 2024 09:52

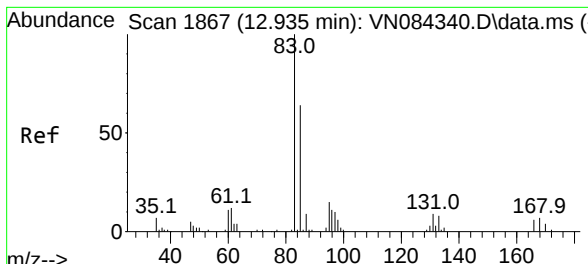
Tgt Ion:105 Resp: 189776

Ion Ratio Lower Upper

105 100

120 26.0 17.4 32.4



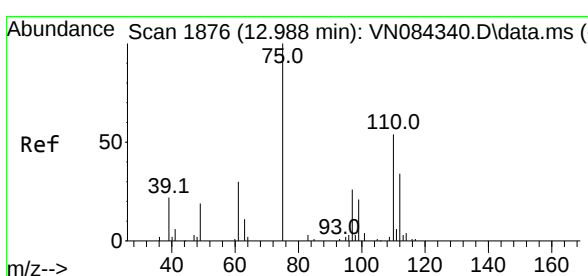
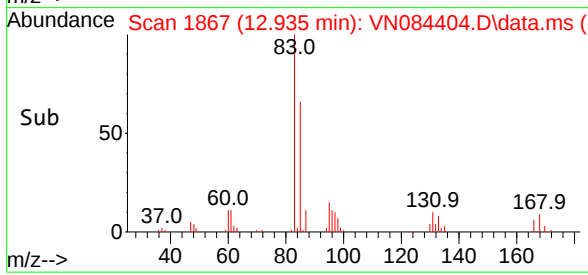
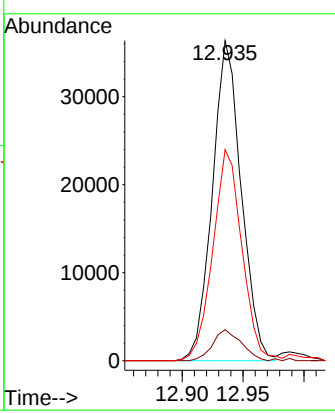
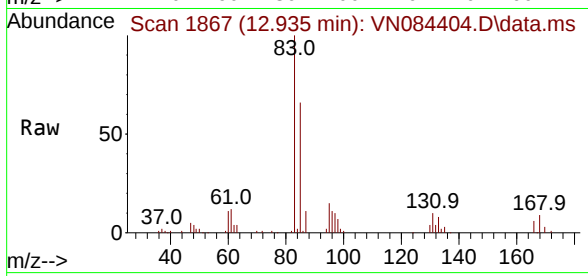


#71
1,1,2-Tetrachloroethane
Concen: 18.758 ug/l
RT: 12.935 min Scan# 1867
Delta R.T. 0.000 min
Lab File: VN084404.D
Acq: 14 Oct 2024 09:52

Instrument :
MSVOA_N
ClientSampleId :

Tgt Ion: 83 Resp: 59974

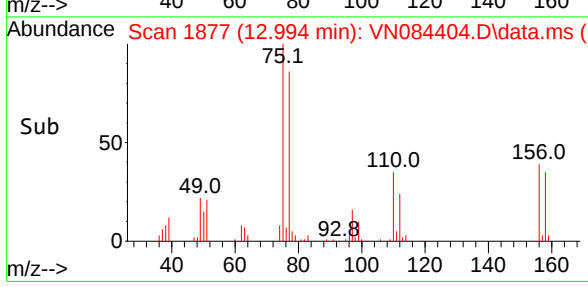
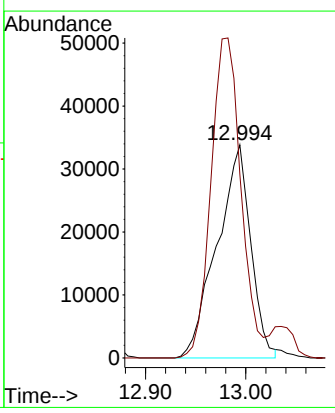
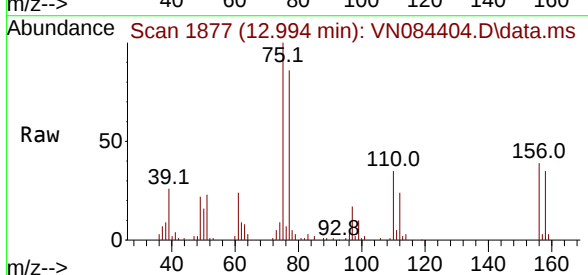
Ion	Ratio	Lower	Upper
83	100		
131	9.6	5.1	15.3
85	66.4	32.0	96.2

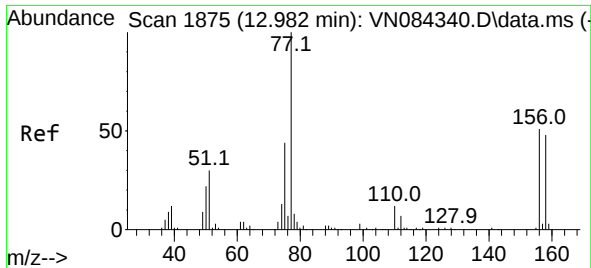


#72
1,2,3-Trichloropropane
Concen: 28.880 ug/l
RT: 12.994 min Scan# 1877
Delta R.T. 0.006 min
Lab File: VN084404.D
Acq: 14 Oct 2024 09:52

Tgt Ion: 75 Resp: 79081

Ion	Ratio	Lower	Upper
75	100		
77	133.4	0.0	414.0

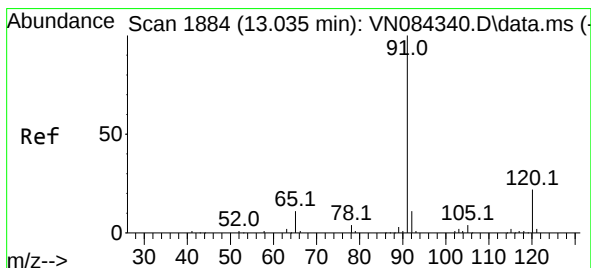
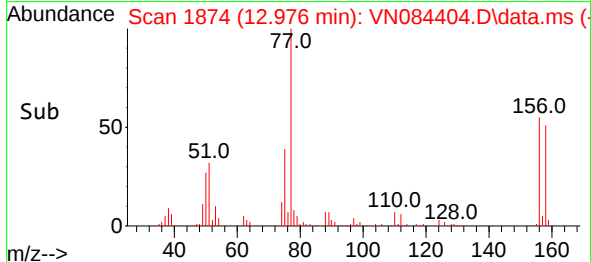
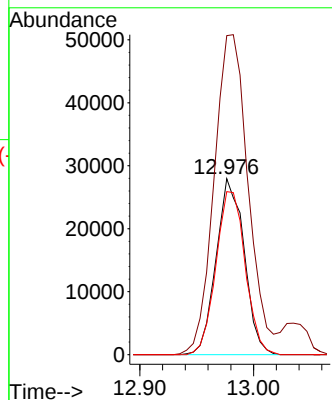
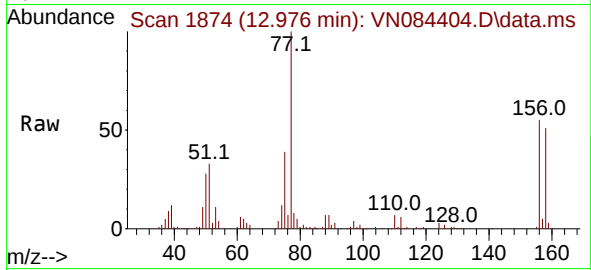




#73
Bromobenzene
Concen: 19.172 ug/l
RT: 12.976 min Scan# 1874
Delta R.T. -0.006 min
Lab File: VN084404.D
Acq: 14 Oct 2024 09:52

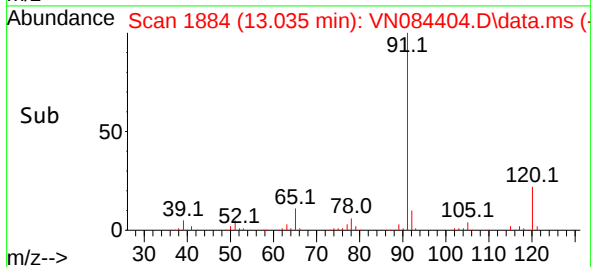
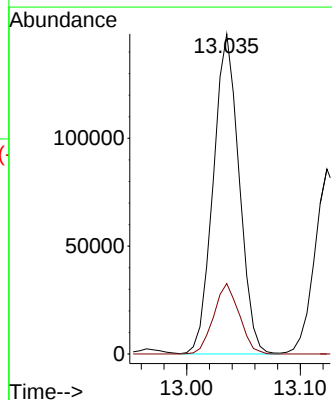
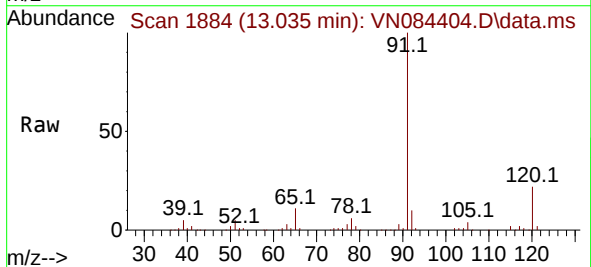
Instrument :
MSVOA_N
ClientSampleId :

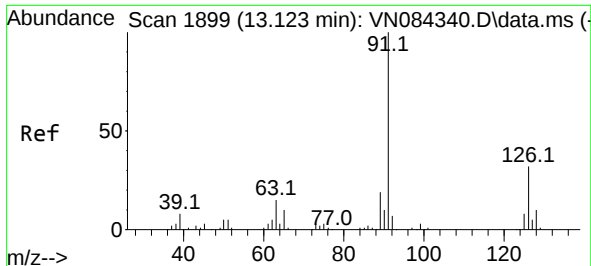
Tgt Ion:156 Resp: 47988
Ion Ratio Lower Upper
156 100
77 219.8 0.0 451.0
158 96.8 0.0 194.6



#74
n-propylbenzene
Concen: 19.090 ug/l
RT: 13.035 min Scan# 1884
Delta R.T. 0.000 min
Lab File: VN084404.D
Acq: 14 Oct 2024 09:52

Tgt Ion: 91 Resp: 235119
Ion Ratio Lower Upper
91 100
120 21.7 0.0 43.2

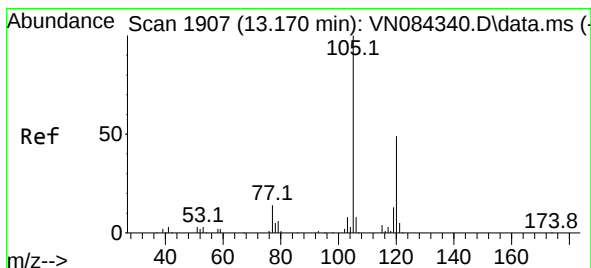
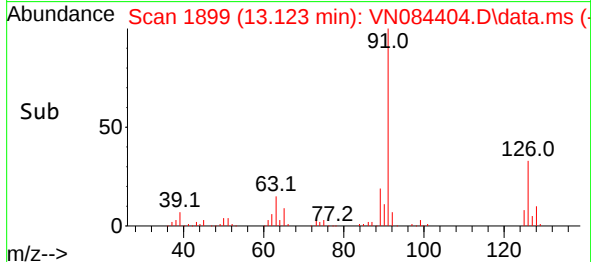
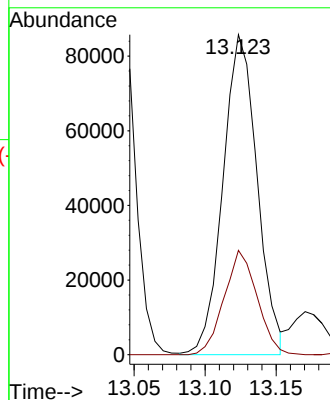
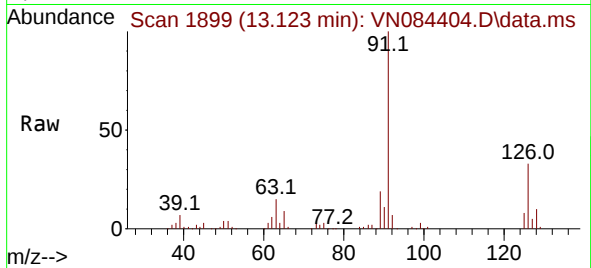




#75
2-Chlorotoluene
Concen: 18.743 ug/l
RT: 13.123 min Scan# 1899
Delta R.T. 0.000 min
Lab File: VN084404.D
Acq: 14 Oct 2024 09:52

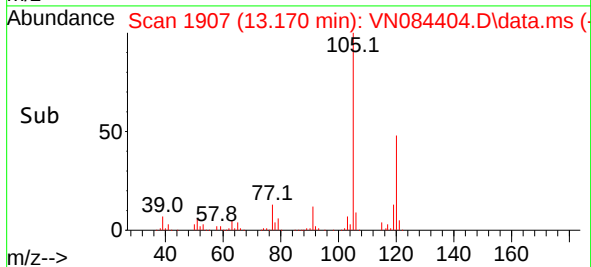
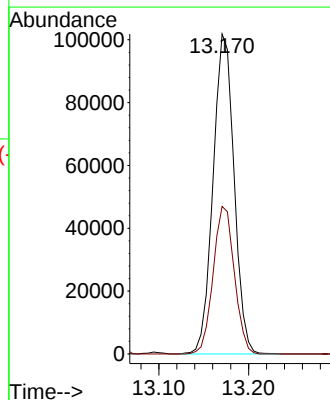
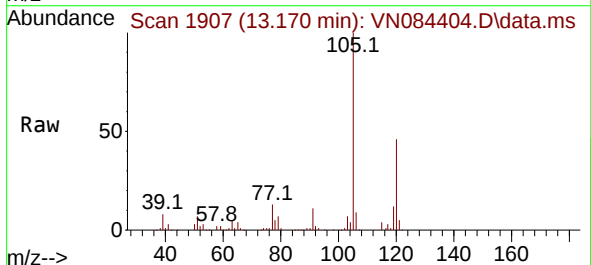
Instrument :
MSVOA_N
ClientSampleId :

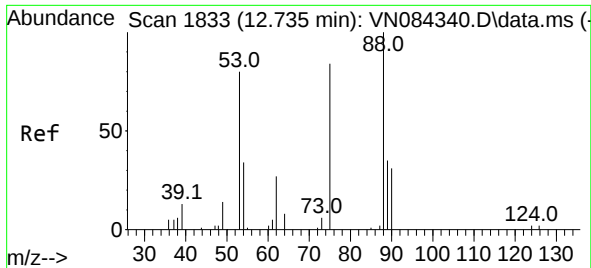
Tgt Ion: 91 Resp: 143444
Ion Ratio Lower Upper
91 100
126 31.4 0.0 64.0



#76
1,3,5-Trimethylbenzene
Concen: 19.023 ug/l
RT: 13.170 min Scan# 1907
Delta R.T. 0.000 min
Lab File: VN084404.D
Acq: 14 Oct 2024 09:52

Tgt Ion: 105 Resp: 165543
Ion Ratio Lower Upper
105 100
120 46.4 0.0 94.4

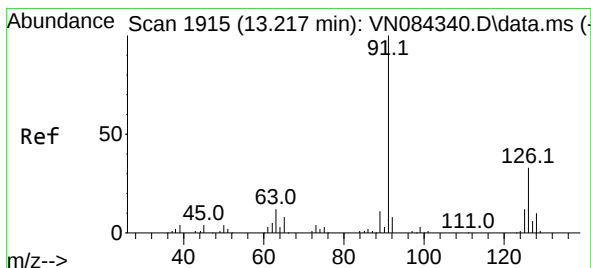
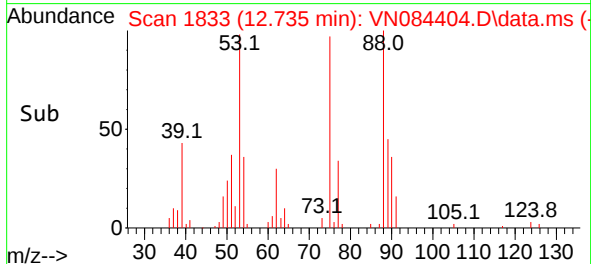
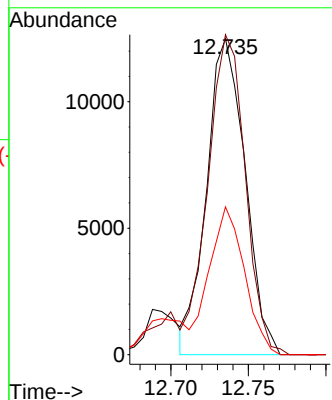
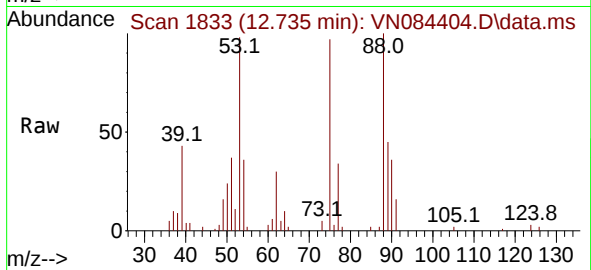




#77
t-1,4-Dichloro-2-butene
Concen: 18.436 ug/l
RT: 12.735 min Scan# 1833
Delta R.T. 0.000 min
Lab File: VN084404.D
Acq: 14 Oct 2024 09:52

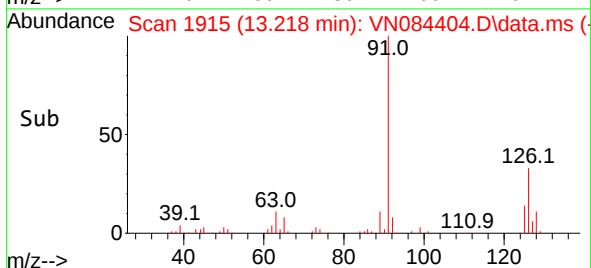
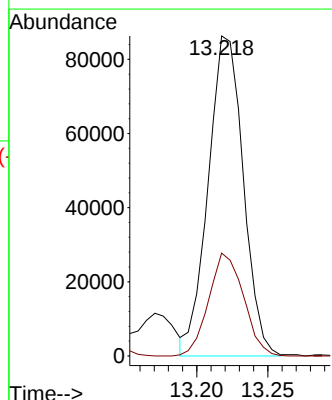
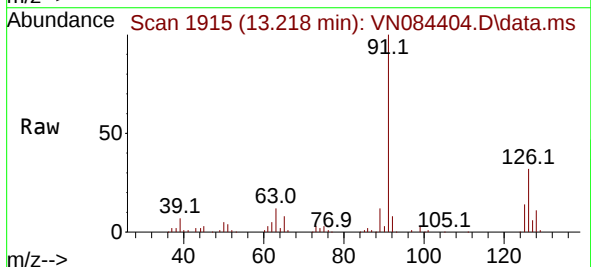
Instrument :
MSVOA_N
ClientSampleId :

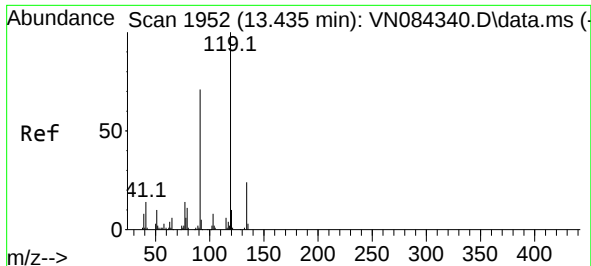
Tgt Ion: 75 Resp: 21572
Ion Ratio Lower Upper
75 100
53 99.4 47.3 142.0
89 46.8 22.9 68.8



#78
4-Chlorotoluene
Concen: 19.035 ug/l
RT: 13.218 min Scan# 1915
Delta R.T. 0.000 min
Lab File: VN084404.D
Acq: 14 Oct 2024 09:52

Tgt Ion: 91 Resp: 148116
Ion Ratio Lower Upper
91 100
126 31.9 0.0 62.4

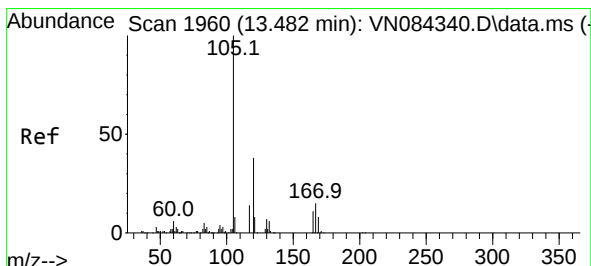
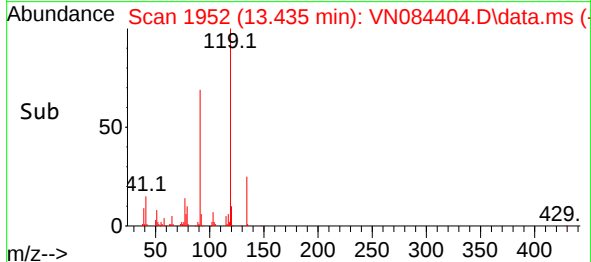
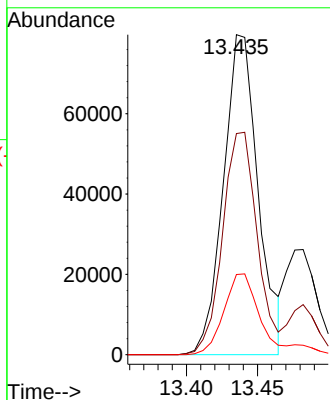
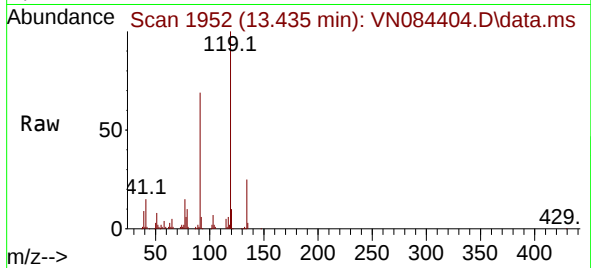




#79
tert-butylbenzene
Concen: 18.292 ug/l
RT: 13.435 min Scan# 1952
Delta R.T. 0.000 min
Lab File: VN084404.D
Acq: 14 Oct 2024 09:52

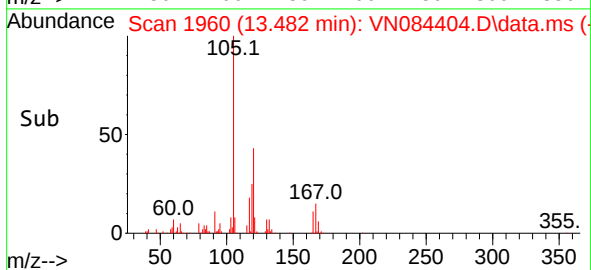
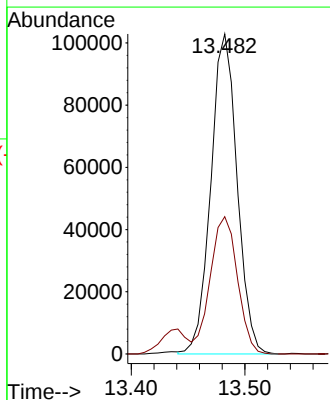
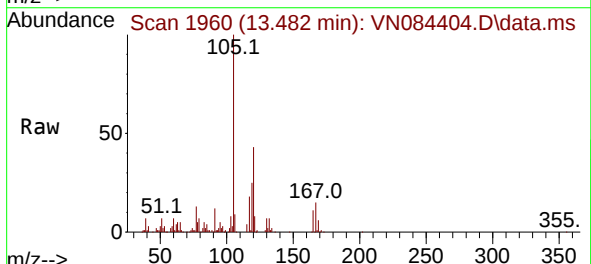
Instrument :
MSVOA_N
ClientSampleId :

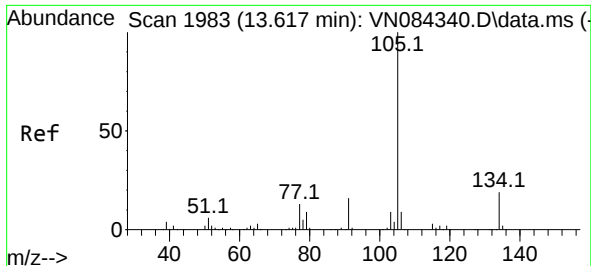
Tgt Ion:119 Resp: 135808
Ion Ratio Lower Upper
119 100
91 69.2 0.0 138.0
134 25.3 0.0 48.8



#80
1,2,4-Trimethylbenzene
Concen: 18.765 ug/l
RT: 13.482 min Scan# 1960
Delta R.T. 0.000 min
Lab File: VN084404.D
Acq: 14 Oct 2024 09:52

Tgt Ion:105 Resp: 165692
Ion Ratio Lower Upper
105 100
120 44.3 0.0 88.8

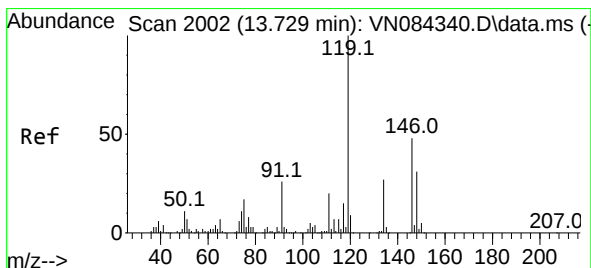
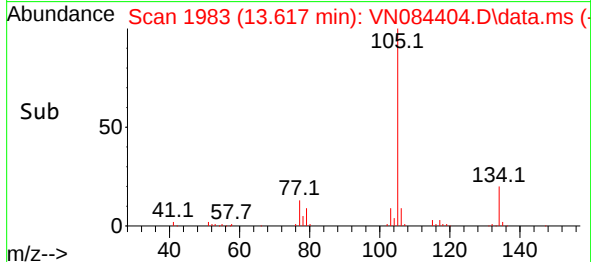
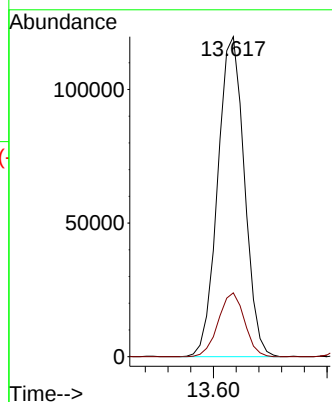
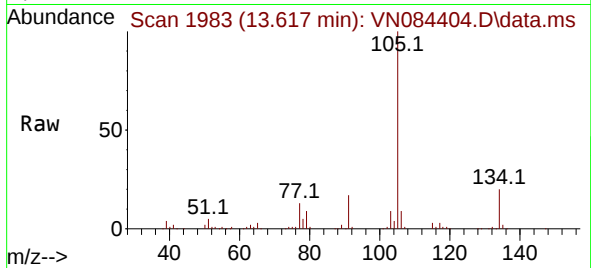




#81
 sec-Butylbenzene
 Concen: 19.150 ug/l
 RT: 13.617 min Scan# 1983
 Delta R.T. 0.000 min
 Lab File: VN084404.D
 Acq: 14 Oct 2024 09:52

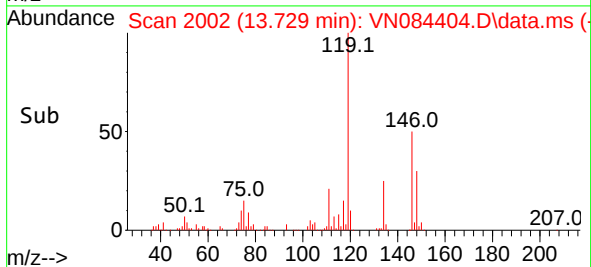
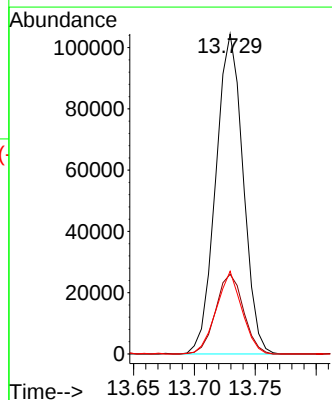
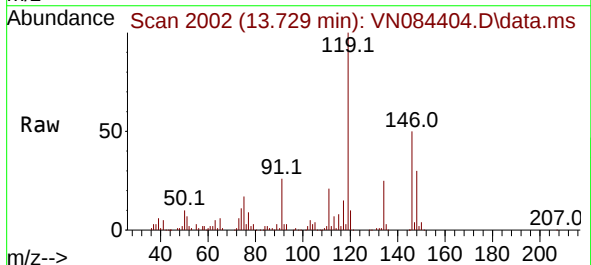
Instrument :
 MSVOA_N
 ClientSampleId :

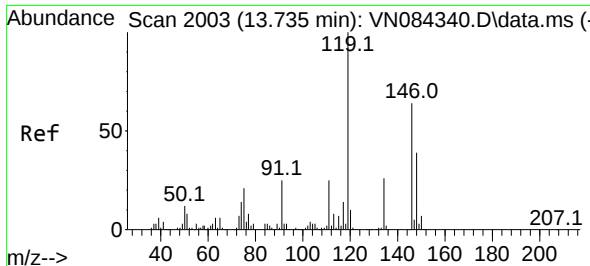
Tgt Ion:105 Resp: 195746
 Ion Ratio Lower Upper
 105 100
 134 19.5 0.0 38.0



#82
 p-Isopropyltoluene
 Concen: 18.973 ug/l
 RT: 13.729 min Scan# 2002
 Delta R.T. 0.000 min
 Lab File: VN084404.D
 Acq: 14 Oct 2024 09:52

Tgt Ion:119 Resp: 163233
 Ion Ratio Lower Upper
 119 100
 134 25.4 0.0 50.2
 91 24.2 0.0 50.6

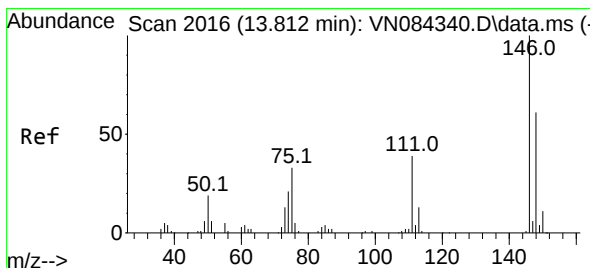
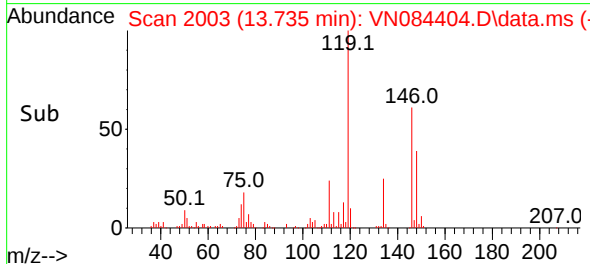
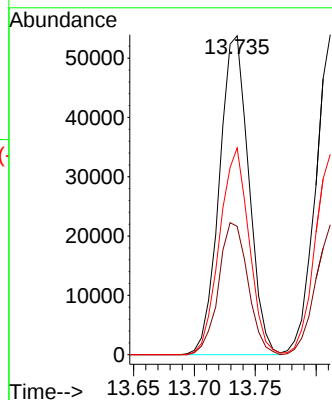
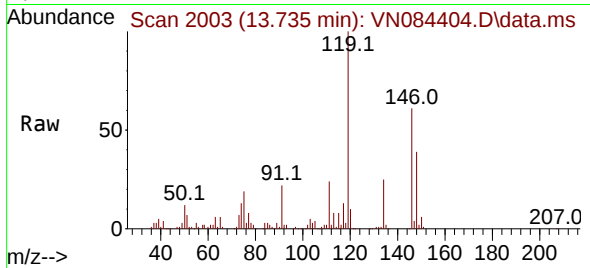




#83
1,3-Dichlorobenzene
Concen: 19.465 ug/l
RT: 13.735 min Scan# 2003
Delta R.T. 0.000 min
Lab File: VN084404.D
Acq: 14 Oct 2024 09:52

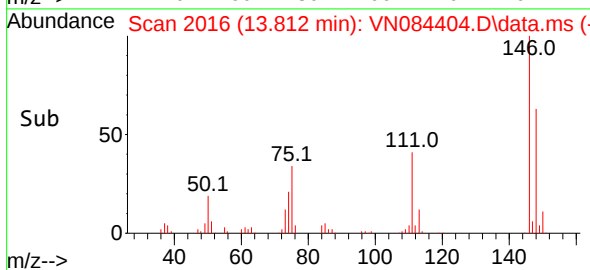
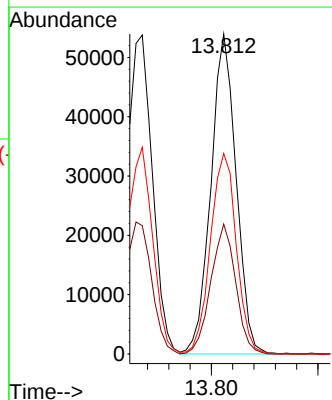
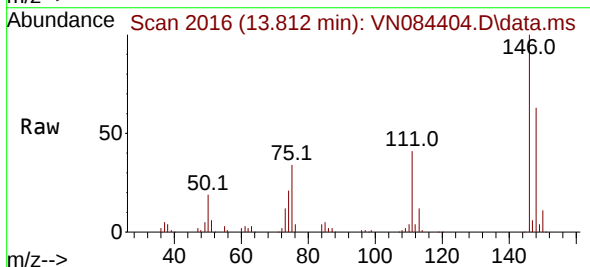
Instrument :
MSVOA_N
ClientSampleId :

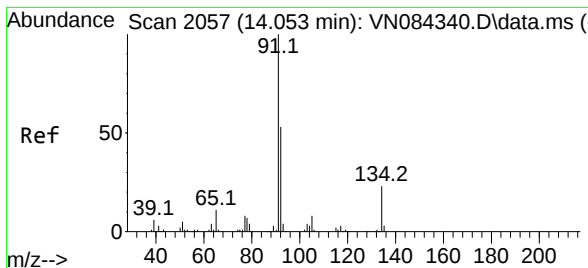
Tgt Ion:146 Resp: 90594
Ion Ratio Lower Upper
146 100
111 41.3 20.6 61.9
148 64.9 31.6 94.7



#84
1,4-Dichlorobenzene
Concen: 19.217 ug/l
RT: 13.812 min Scan# 2016
Delta R.T. 0.000 min
Lab File: VN084404.D
Acq: 14 Oct 2024 09:52

Tgt Ion:146 Resp: 88813
Ion Ratio Lower Upper
146 100
111 39.9 20.5 61.5
148 64.3 32.5 97.4





#85

n-Butylbenzene

Concen: 17.831 ug/l

RT: 14.059 min Scan# 2057

Delta R.T. 0.006 min

Lab File: VN084404.D

Acq: 14 Oct 2024 09:52

Instrument :

MSVOA_N

ClientSampleId :

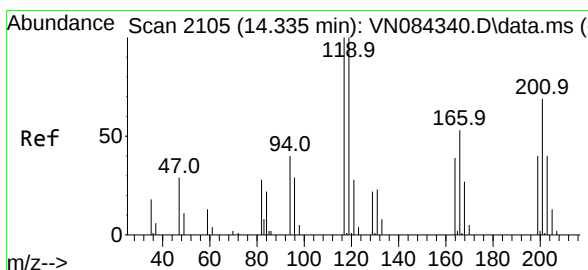
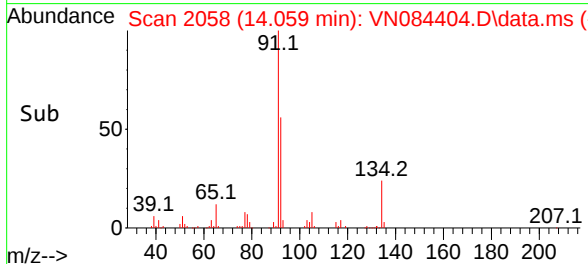
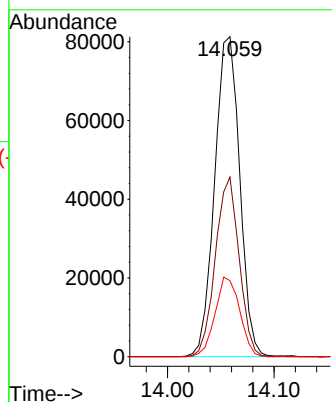
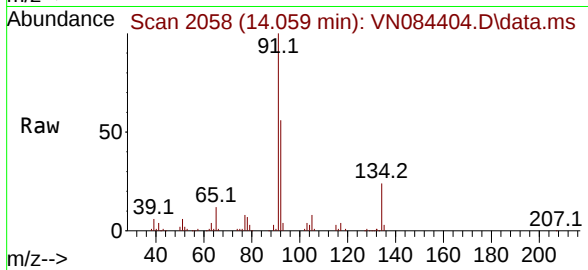
Tgt Ion: 91 Resp: 132868

Ion Ratio Lower Upper

91 100

92 53.1 0.0 103.4

134 24.4 0.0 48.0



#86

Hexachloroethane

Concen: 18.605 ug/l

RT: 14.335 min Scan# 2105

Delta R.T. 0.000 min

Lab File: VN084404.D

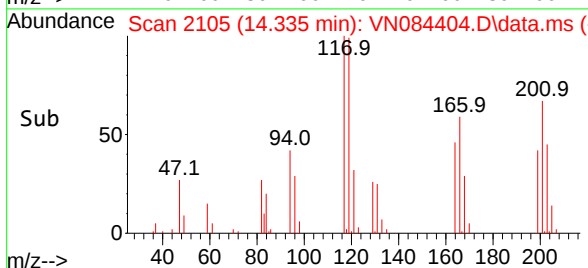
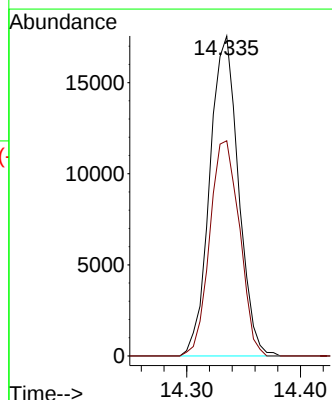
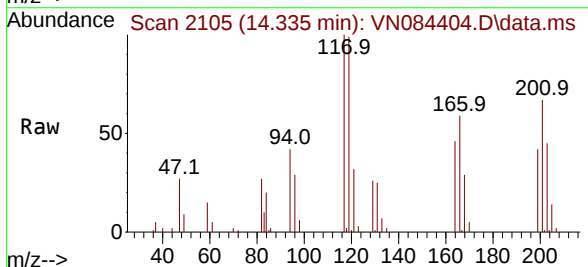
Acq: 14 Oct 2024 09:52

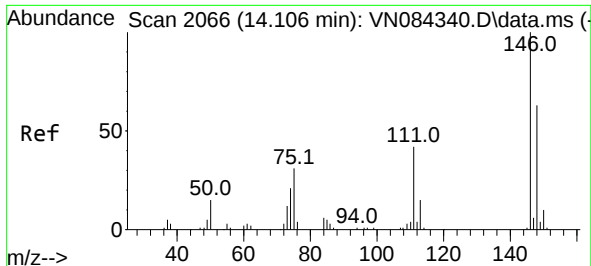
Tgt Ion: 117 Resp: 30838

Ion Ratio Lower Upper

117 100

201 69.7 33.9 101.6





#87

1,2-Dichlorobenzene

Concen: 19.187 ug/l

RT: 14.106 min Scan# 2066

Delta R.T. 0.000 min

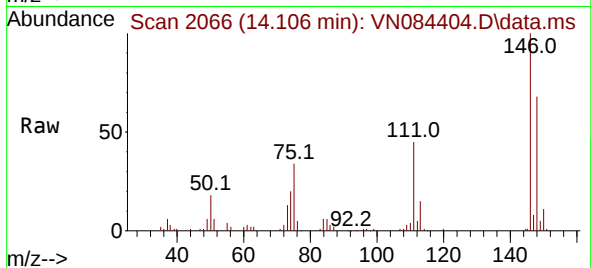
Lab File: VN084404.D

Acq: 14 Oct 2024 09:52

Instrument :

MSVOA_N

ClientSampleId :



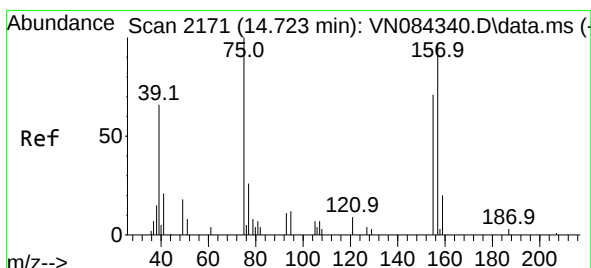
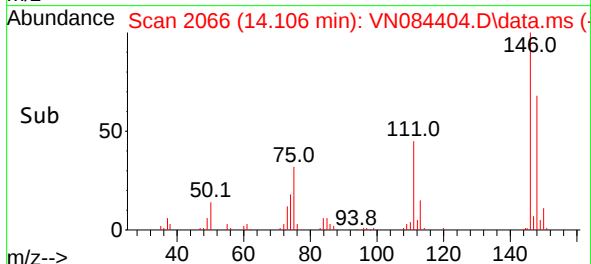
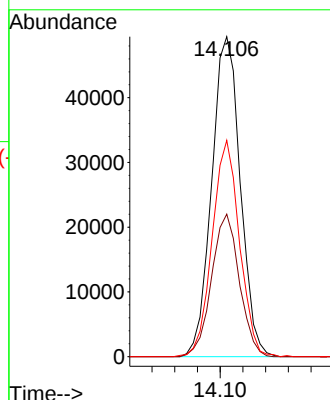
Tgt Ion:146 Resp: 86341

Ion Ratio Lower Upper

146 100

111 43.3 21.9 65.5

148 64.6 31.1 93.5



#88

1,2-Dibromo-3-Chloropropane

Concen: 17.971 ug/l

RT: 14.717 min Scan# 2170

Delta R.T. -0.006 min

Lab File: VN084404.D

Acq: 14 Oct 2024 09:52

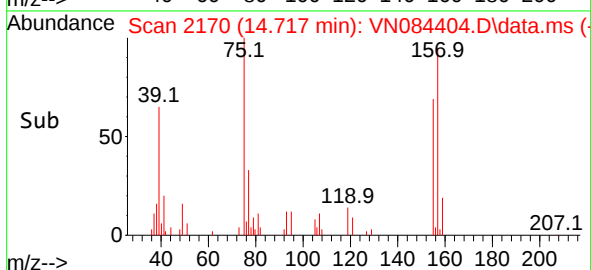
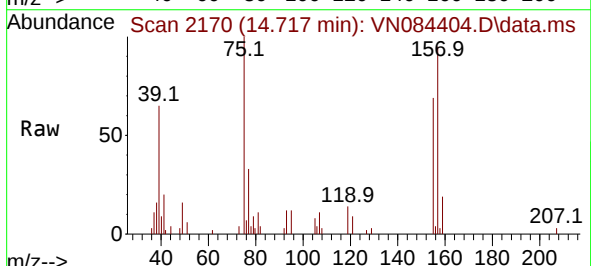
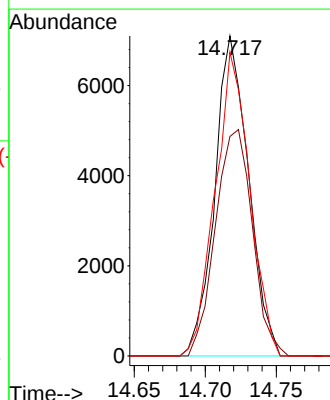
Tgt Ion: 75 Resp: 11750

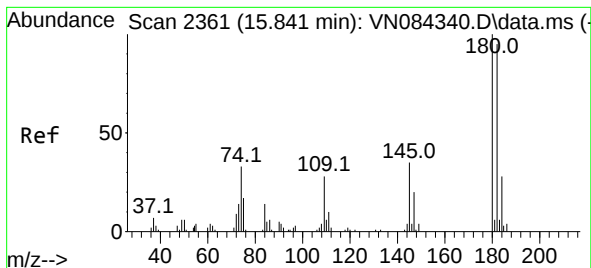
Ion Ratio Lower Upper

75 100

155 77.5 61.8 92.8

157 96.9 77.4 116.0





#89

1,2,4-Trichlorobenzene

Concen: 17.951 ug/l

RT: 15.841 min Scan# 2361

Delta R.T. 0.000 min

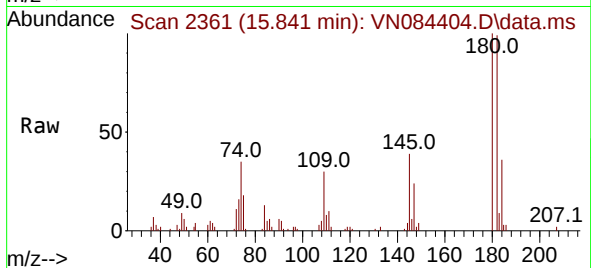
Lab File: VN084404.D

Acq: 14 Oct 2024 09:52

Instrument :

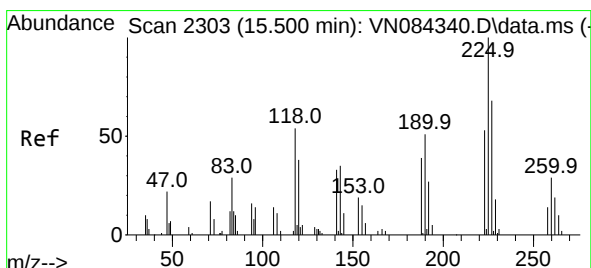
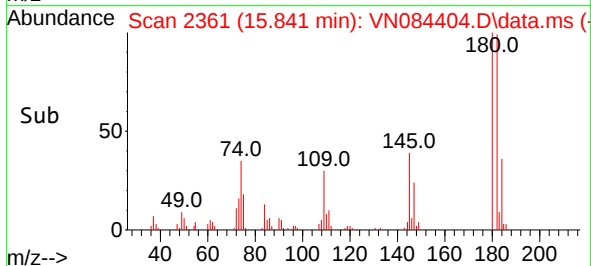
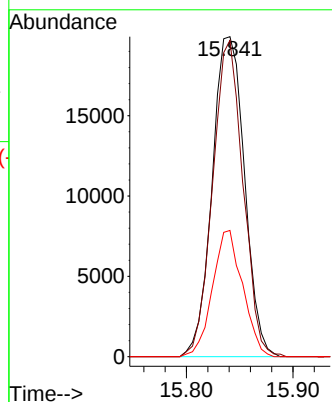
MSVOA_N

ClientSampleId :



Tgt Ion:180 Resp: 42000

Ion	Ratio	Lower	Upper
180	100		
182	92.6	77.8	116.6
145	36.8	28.9	43.3



#90

Hexachlorobutadiene

Concen: 18.520 ug/l

RT: 15.500 min Scan# 2303

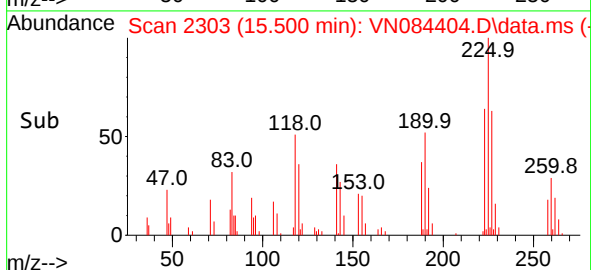
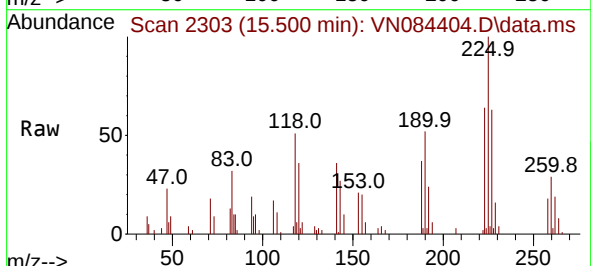
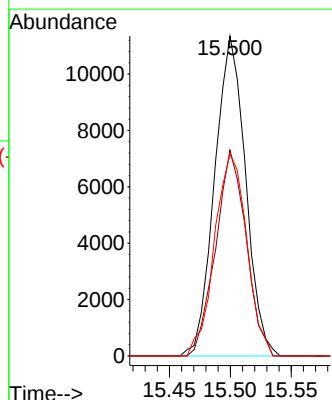
Delta R.T. 0.000 min

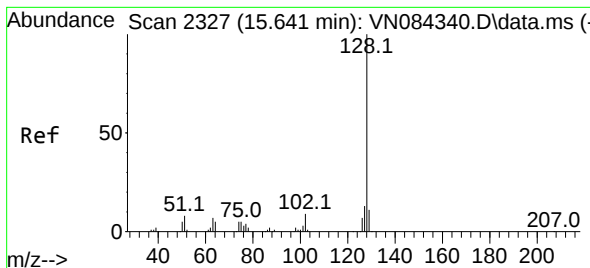
Lab File: VN084404.D

Acq: 14 Oct 2024 09:52

Tgt Ion:225 Resp: 20046

Ion	Ratio	Lower	Upper
225	100		
223	63.4	0.0	124.0
227	65.8	0.0	130.8





#91

Naphthalene

Concen: 15.767 ug/l

RT: 15.641 min Scan# 2327

Delta R.T. 0.000 min

Lab File: VN084404.D

Acq: 14 Oct 2024 09:52

Instrument :

MSVOA_N

ClientSampleId :

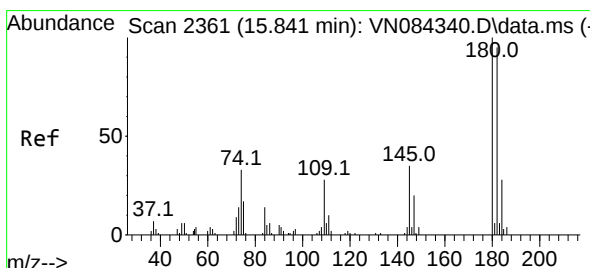
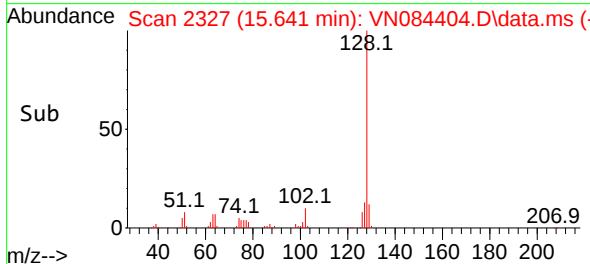
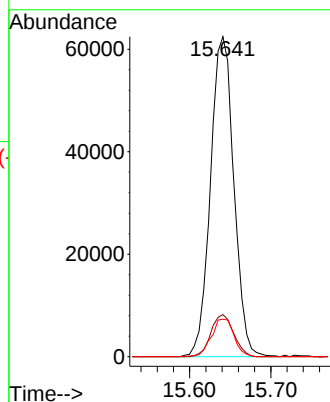
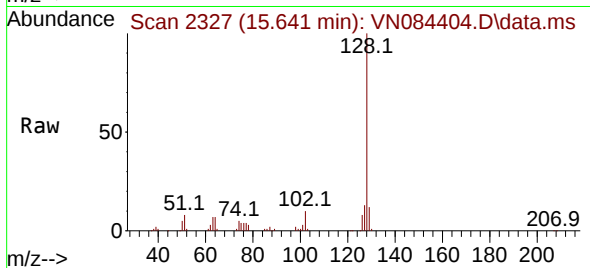
Tgt Ion:128 Resp: 125007

Ion Ratio Lower Upper

128 100

127 12.8 10.3 15.5

129 11.4 8.8 13.2



#92

1,2,3-Trichlorobenzene

Concen: 17.951 ug/l

RT: 15.841 min Scan# 2361

Delta R.T. 0.000 min

Lab File: VN084404.D

Acq: 14 Oct 2024 09:52

Tgt Ion:180 Resp: 42000

Ion Ratio Lower Upper

180 100

182 92.6 0.0 194.4

145 36.8 0.0 72.2

